

**CURRICULUM VITAE**  
Revised: 1 January 2021

**PERSONAL DATA**

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[https://www.researchgate.net/profile/Peter\\_Bobrowsky?ev=hdr\\_xprf](https://www.researchgate.net/profile/Peter_Bobrowsky?ev=hdr_xprf)  
[http://www.linkedin.com/profile/view?id=95462738&trk=nav\\_responsive\\_tab\\_profile\\_pic](http://www.linkedin.com/profile/view?id=95462738&trk=nav_responsive_tab_profile_pic)

**EDUCATION**

Geological Survey of Canada, Sidney, British Columbia, Post Doctoral Fellow 1988-89  
University of Alberta, Edmonton, Alberta, Ph.D. in Geology 1989 (Defended 02/12/88)  
Simon Fraser University, Burnaby, British Columbia, M.A. in Archaeology 1982  
University of Alberta, Edmonton, Alberta, B.Sc. General in Geology 1979  
University of Alberta, Edmonton, Alberta, B.A. Honours in Anthropology 1977

**PROFESSIONAL EXPERIENCE**

2019-date      **Independent consultant**

2019-date      **Emeritus Scientist**, Geological Survey of Canada

2006-date      **Adjunct Full Professor, Department of Earth Sciences, Simon Fraser University**, Burnaby, British Columbia, Canada. Thesis committee member and research affiliate.

2015-2020      **Adjunct Professor, School of Earth and Ocean Sciences, University of Victoria**, Victoria, British Columbia, Canada. Lecturer, thesis committee member and research affiliate.

2014-2019      **Activity Leader, Public Safety Geosciences Program (PSG)**. Science leader for the paleo-tsunami activity within the North Coast Geohazards Project (Phil Hill – Director; Gwyn Lintern – Project Leader)

- 2013-2015 **Activity Leader, Public Safety Geoscience Program (PSG).** Science leader for the Ripley Landslide activity within the Marine and Terrestrial Landslide Project (Phil Hill – Director)
- 2012-2016 **Activity Leader, Public Safety Geosciences Program (PSG).** Science leader for the National Technical Landslide Guidelines activity within the Natural Hazard Assessment Project. (Carmel Lowe - Director, Garry Rogers – Project Leader).
- 2011-2012 **Project Leader, Climate Change Program (CCP).** Science manager for the Northern Canada Research Vulnerability Mapping Project. 1 year project addressing the impact of climate change on access to natural resources. (Celina Campbell/Tom James/Rejean Couture – Rotating Project Managers)
- 2010-2016 **Activity Leader, Landslides Studies in China-Canada (Canada-China bilateral project).** Scientific lead for a multi-year bilateral MOU - Annex study dealing with shared slope stability issues using fibre optic monitoring in collaboration with the Canadian private sector (CP/CN Rail), Transport Canada, U of A, China Geological Survey and Geological Survey of Canada. (Ken Ko/Carmel Lowe - Directors; Phil Hill – Project Leader)
- 2009-2012 **Project Leader, Public Safety Geosciences Program (PSG).** Science leader for the National Guidelines for Natural Hazard Assessment and Mitigation Project, 4 year program covering landslides, earthquakes, tsunamis and space weather hazards. (Adrienne Jones/Calvin Klatt/Dave Mate/David Boteler/Judi Beck - Rotating Project Managers)
- 2006-2010 **Project Leader, Landslides in China (Canada-China bilateral project).** Scientific lead for a multi-year bilateral MOU-Annex study dealing with shared slope stability issues using remote sensing (RADARSAT) and Canadian private sector business opportunities in China. China Geological Survey and Geological Survey of Canada. (Ken Ko - Director)
- 2006-2010 **Project Leader, Landslides in India (Indo-Canadian bilateral project).** Scientific lead for 3-year bilateral MOU-Annex study dealing with monitoring and mitigation of landslides in India; capacity building, technology transfer and Canadian business opportunities in India. Geological Survey of India and Geological Survey of Canada. (Ken Ko - Director)
- 2006-2008 **Section Head, Landslides and Geotechnic Section, GSC-NC Geological Survey of Canada.** Section head, team leader, field specialist and scientific advisor for a variety of natural hazards and activities for the Government of Canada. Permanent staff of 10 people and 5 part time students. (Celina Campbell - Manager)
- 2002-2019 **Senior Scientist, Geological Survey of Canada.** Technical specialist and scientific advisor for natural hazards, engineering geology activities and issues on behalf of the Government of Canada.
- 2002-2006 **Section Head, Canada Landslide Project, Geological Survey of Canada.** Science manager of the landslide initiative and senior research scientist with the Geological Survey of Canada dealing with a national strategy for landslide hazard mitigation, slope stability process and mechanism studies, public education. Manage \$2 million annual budget (salary and OM), several permanent and temporary staff. (Sue Pullan - Manager).

- 1995-2002 **Senior Geologist, B.C. Geological Survey Branch.** Project scientist for geological hazards research in landslides, paleoseismology, drift exploration, aggregate resources and surficial mapping (stratigraphy and sedimentology). Supervised two full time staff and several part-time and student staff. (Gib MacArthur - Manager)
- 1997-1998 **Manager, Environmental Geology Section, B.C. Geological Survey Branch.** Supervised 12 full time and several temporary staff involved in surficial geology, geochemistry, GIS database, publishing and responsible for over \$1 million (O&M) annual budget. (Ron Smyth - Director)
- 1991-2004 **Limited Term Full Professor, School of Earth and Ocean Sciences, University of Victoria, Victoria, B.C.** Professor for several senior geology courses: Quaternary Geology (1993-2001); Advanced Sedimentology directed studies (1994); Slope Stability directed studies (1994, 1997); Environmental Geology directed studies (1996, 1998), Air photo Interpretation directed study (2001)
- 1990-1997 **Adjunct Full Professor, Institute for Quaternary Research (IQR) and Dept. Geography, Simon Fraser University, Burnaby, B.C.** Past Member of IQR Executive Board, invited lecturer
- 1989-1995 **Head, Surficial Geology Unit, Environmental Geology Section, B.C. Geological Survey Branch.** Engaged in Quaternary research, geomorphology, geologic hazards studies, and exploration work in various parts of the province. Includes stratigraphy, sedimentology and landslides of the Rocky Mountains, coastal paleoseismology. Project leader for drift prospecting research. Supervised three full time Quaternary geologists and numerous part-time and student employees. (Paul Matysek - Manager)
- 1988-1989 **Post Doctoral Fellow - Geological Survey of Canada, Sidney, B.C.** Primary research on the neotectonic history of Vancouver Island, B.C. including first work on Holocene paleoseismology record of Saanich Inlet. (Garry Rogers and John Clague – PDF Supervisors)
- 1983-1988 **Field Assistant** – Junior and senior positions for Graduate Students, industry, consultants, Geological Survey of Canada, etc.

## **AWARDS**

- AEG 2020 Clair P. Holdredge Award for outstanding contribution to the Engineering Geology profession - Association of Environmental & Engineering Geologists
- IUGS - International Union of Geological Sciences James M. Harrison Outstanding Achievement Award for 2020 (for prolonged and exceptional service to the IUGS)
- GSA Distinguished Practice Award – Geological Society of America - Environmental and Engineering Geology Division award for 2019 (recognizing an individual for their technical and (or) professional stature of environmental and (or) engineering geology in North America)
- AAP 2019 PROSE Award – Association of American Publishers Winner in Single Volume Reference: Science (for the Springer Encyclopedia of Engineering Geology)
- Ambrose Medal – Geological Association of Canada award for 2018 (in recognition for sustained dedicated service to the Canadian earth science community)
- International Programme on Landslides (IPL) World Centre of Excellence on Landslide Disaster Reduction (2017-2020) team recognition to the Geological Survey of Canada
- Japanese Society for the Promotion of Science – Short-Term Fellowship (2016 - 2017)

International Union of Geological Sciences – Award of Appreciation for excellence in service (2000 – 2013)

Queen Elizabeth II Diamond Jubilee Medal in 2012 (in recognition for geoscientific contributions in Peru, China and India on behalf of the Government of Canada)

International Programme on Landslides (IPL) World Centre of Excellence on Landslide Disaster Reduction (2011-2014) team recognition to the Geological Survey of Canada

International Programme on Landslides (IPL) Award for Success for IPL Projects in 2011 (in recognition for Project M106 Best Practice Handbook for Landslide Hazard Mitigation 2002-2007)

Edward B. Burwell Jr. Award – Engineering Geology Division, Geological Society of America for 2011 (in recognition for the co-authored publication entitled The Landslide Handbook)

Eugene Shoemaker Communications Award for Best Book 2009 (in recognition for the co-authored publication entitled The Landslide Handbook – USGS Circular 1325)

Government of Canada Earth Science Sector 2008 Merit Award (China-Canada and India-Canada research project success)

Gold Medal 1999 - Universidad Nacional de San Antonio Abad (Cusco, Peru)

Natural Sciences and Engineering Research Council of Canada (Post-Doctoral Visiting Fellowship 1988 - 1989)

Geological Society of America (Student Research Award/Grant 1984 - 1985)

Boreal Institute for Northern Studies (Northern Student Research Grant 1984 - 1985)

Ralf Steinhauer Award of Distinction (Alberta Heritage Trust Fund – only 2 awarded per year - 1983 - 1984)

Ralf Steinhauer Award of Distinction (Alberta Heritage Trust Fund – only 2 awarded per year - 1982 - 1983)

Natural Sciences and Engineering Research Council of Canada (Post-Graduate Scholarship 1982 - 1983)

Natural Sciences and Engineering Research Council of Canada (Post-Graduate Scholarship 1981 - 1982)

Simon Fraser University Open Scholarship (1980 – 1981)

Social Sciences and Humanities Research Council of Canada Special MA Scholarship (1979-1980)

Queen Elizabeth Provincial Scholarship (3 times 1976-77, 1977-78, 1978-79)

### **EXTERNAL RESEARCH FUNDS/GRANTS**

Government of Spain – COSINES Landslide Research Project Grant (2018-2019; €52,272 Euro)

Japanese Society for the Promotion of Science – Short-Term Fellowship (2016-17; 690,000 Yen)

Government of Canada – Transport Canada (2013-14; \$160,000 CDN), (2014-15; \$120,000 CDN), (2015-16; \$150,000 CDN), (2016-17; \$150,000 CDN), (2017-18; \$150,000 CDN), (2018-19, \$150,000 CDN), (2019-20, \$250,000 CDN)

International Council on Sciences – Level 2 Grant (on behalf of IUGS in cooperation with IAU) (2003-2005) \$100,000 (US)

Government of Canada Office of Critical Infrastructure and Emergency Preparedness (2002 - \$25,000 CDN)

International Geological Correlation Programme - Project #454 Grant (2001-2002) \$900 (CDN), (2000-2001) \$900 (CDN)

International Geological Correlation Programme - Project #425 Grant (2000-2001) \$1500 (CDN), (1999-2000) \$900 (CDN), (1998-99) \$1100 (CDN)

Canadian Geoscience Council - Grants (2002 - \$400 CDN), (2001 - \$1500 CDN), (2000 - \$5000 CDN), (1999 - \$1800 CDN), (1998 - \$1167 CDN), (1997 - \$4030 Can), (1996 - \$1865 CDN)

Canadian Quaternary Association, INQUA Delegate Travel Grant (1999 - \$1000 CDN)

United States Geological Survey - National Earthquake Hazards Reduction Program (1998-1999) \$63,400 (US)

International Geological Correlation Programme - Project #367 Grant (1998-99) \$1100 (CDN)

NATO Advanced Study Institute, Deposit and Geoenvironmental Models for Resource Exploitation and Environmental Security - Travel Grant (1998 - \$2500 US)

Natural Sciences and Engineering Research Council Collaborative Strategic Grant (1996-1999)  
\$50,000 (CDN) from a total of \$500,000 (CDN)  
United States Geological Survey - National Earthquake Hazards Reduction Program (1996-1997)  
\$50,000 (US)  
International Union for Quaternary Research Young Scientist Grant (1991 - \$1300 CDN)  
Alberta Heritage Trust Fund (1982 - \$25,000 CDN; 1983 - \$25,000 CDN)  
NSERC (1981 - \$15,000 CDN; 1982 - \$15,000 CDN)  
SSHRC (1980 - \$12,000 CDN)  
SFU (1980 - \$7,000 C CDN an)  
Queen Elizabeth (1976 - \$2000 Can; 1977 - \$2000 Can; 1978 - \$2000 CDN)  
Boreal Institute for Northern Studies Research Grant (1984 - \$5000 CDN)  
Geological Society of America Student Research Grant (1984 - \$2000 USD)

### **PROFESSIONAL AFFILIATIONS**

American Geophysical Union (Retired Member)  
American Registry of Pathology (Member) (19/02/2002)  
Association of Environmental and Engineering Geologists (Member)  
Association of Professional Engineers and Geoscientists of British Columbia (P.Ge.)  
Canadian Geotechnical Society (Member)  
American Quaternary Association (Retired Member)  
Canadian Quaternary Association (Retired Member)  
Geological Association of Canada (Retired Member)  
Geological Society of America (Fellow) (Since 01/01/1985)  
Explorers Club (International Fellow) (Since 01/01/2001)  
International Association of Engineering Geology and the Environment (Member)  
International Consortium of Landslides (Founding Member - Board of Directors)  
Japan Society for the Promotion of Science, Tohoku, Japan (Fellow)

### **OTHER PROFESSIONAL ACTIVITIES**

*IAPG (International Association for Promoting Geoethics)*  
Vice President (2022 – date)  
*International Journal of Geoheritage and Parks*  
Co-Chief Editor and Editorial Board Member (2021 – date)  
*CFES (Canadian Federation of Earth Sciences)*  
Observer for IAPG (2020 – date)  
*SLOPE 2019 (Landslides and Slope Stability Conference)*  
Advisory Committee Member (2018 – 2019)  
*Victoria Round Table Club*  
Vice President (2021 – date)  
Member (2018 – date)  
*ICL (International Consortium of Landslides)*  
Past President (2021 – 2023)  
President (2017 – 2020)  
Vice President (2002 – 2008)  
*5<sup>th</sup> World Landslide Forum (Beijing, China)*  
President (2017 – 2020)  
*Arabian Journal of Geosciences (AJGS)*  
Associate Editor (2017 – date)  
*Quaternary (MDPI Online Journal)*  
Editorial Board Member (2017 – date)  
*Encyclopedia of Quaternary Sciences*  
Editor in Chief (2017 – date)  
*CNC-IUGS (Canadian National Committee - International Union for Geological Sciences)*  
Member (2016 – date)

Executive Liaison (2002 – 2012)  
 Chairman (1998 – 2002)  
*AGU NH Focus Group (American Geophysical Union Natural Hazards Focus Group)*  
 Executive Committee Member (2016 – 2018)  
*GeoMEast2017 Conference (Sharm El-Sheik, Egypt)*  
 Conference Technical Committee Member (2016 – 2017)  
*WHERE Challenge (Student Earth Sciences Competition)*  
 BC Panel Judge (2016)  
*Geological Society of America Annual Program Committee*  
 Committee Chair (2015 – 2018)  
 Member-at-large (2014 – 2015)  
*EGBC (Professional Engineers and Geoscientists of BC) Discipline Committee*  
 Member (2015 – date)  
*Geosciences (MDPI Online Journal)*  
 Editorial Board Member (2015 – date)  
*Geoheritage, Geoparks and Geotourism – Conservation and Management Series – Springer*  
 Series Editor (2015 – date)  
*GeoGuides – Springer*  
 Series Editor (2015 – date)  
*35<sup>th</sup> International Geological Congress (Cape Town, South Africa)*  
 LOC Theme Champion (2014 – 2016)  
*CIDA (Canadian International Development Agency) BNGC (Building National Geoscience Capacity Project in Africa)*  
 Advisor (2014 - 2015)  
*Petrologia (MDPI Online Journal)*  
 Editorial Board Member (2014 – 2015) merged with *Geosciences*  
*Geological Heritage Inventories – European Congress (Toulouse, France)*  
 Member of the Congress Scientific Committee (2014 – 2015)  
*RFG2018 (Resourcing Future Generations 2018 Conference)*  
 Steering Committee Member (2014 – 2018)  
*Encyclopedia of Engineering Geology*  
 Co-Editor in Chief (2014 – 2018)  
*5<sup>th</sup> Global Stone Congress (Antalya, Turkey)*  
 Member of the Congress Scientific Committee (2013 – 2014)  
*Oxford Handbooks Online – Natural Hazard Science*  
 Advisory Editor (2013 – 2017)  
*Oxford Research Encyclopedias – Natural Hazard Science*  
 Advisory Board Member (2013 – 2017)  
*International Journal of Geoheritage*  
 Editorial Board Member (2013 – 2020)  
*Geoscientists Canada, Geoscience Competency Project*  
 Subject Matter Expert (Geohazards) (2013 – 2014)  
*IAEG XII Congress (International Association of Engineering Geology and the Environment)*  
*(Turin, Italy)*  
 Member Scientific Advisory Committee (2013 – 2014)  
*GEO (Group on Earth Observations) Geohazards Supersites and Natural Laboratory (GSNL)*  
 Member Scientific Advisory Committee (2013 – 2016)  
*NRCan-ESS-GSC GSC@175 Strategic Plan*  
 Committee Member (2012)  
*Geological Association of Canada*  
 Past President (2013 – 2014)  
 President (2012 – 2013)  
 Vice President (2011 – 2012)  
*3<sup>rd</sup> World Landslide Forum (Beijing, China)*  
 Vice Chairman (2012 – 2014)

*UNESCO Slope Instability Study of Petra, Jordan*  
 International Technical Advisor (2012 – 2015)

*Canadian Geoscience Foundation (CGF)*  
 Member – Grants Selection Committee (2012 – 2013)

*NRCan-ESS-GSC Foresight Analysis Study*  
 Principle Researcher/Author (2012)

*First Conference of Danxia Geomorphology Working Group of IAG (China)*  
 Vice Chairman of Organizing Committee (2011)

*International Union for Conservation of Nature World Heritage Programme – Machu Picchu Consultation*  
 Advisor (2011)

*2<sup>nd</sup> World Landslide Forum (Rome, Italy)*  
 Vice Chairman (2010 – 2011)

*IGC2020 Bid Steering Committee*  
 Secretariat (2010 – 2012)

*Railway Ground Hazard Research Program Technical Committee*  
 Member - GSC Representative (2010 – 2016)

*International Symposium on Landslides – 2<sup>nd</sup> North American Landslide Conference 2012 (Banff, Canada)*  
 International Advisory Committee – Chair (2010 – 2012)

*NRCan-ESS Logan Club Lecture Series*  
 GSC NC Division Organizer (2010 – 2012)

*ICG2020 Canada Feasibility Committee*  
 Chair (2010)

*American Geophysical Union (AGU) – Natural Hazards (NH) Focus Group*  
 Member (2009 – 2012)

*IGC2020 Canada Scoping Committee*  
 Chair (2009)

*Ottawa 2011 – GAC-MAC-SEG-SGA Annual Meeting*  
 Technical Program Committee Member (2009 – 2011)

*Canadian Society for Civil Engineers – 2<sup>nd</sup> Specialty Conference on Disaster Mitigation (Calgary, Canada)*  
 Scientific Committee Member (2009 – 2010)

*Encyclopedia of Natural Hazards*  
 Editor in Chief (2009 – 2013)

*IGU-Geoparks (International Geographical Union Commission on Geoparks)*  
 Executive Member (2009 – 2013)

*Geological Society of America Nominations Committee*  
 Committee Member (2009 – 2012)

*CNC-GeoParks (Canadian National Committee for GeoParks)*  
 Committee Member (2009 – 2011)

*IUGS – International Union of Geological Sciences*  
 Webmaster (2008 – 2017)

*NRCan Joint Geosciences Institute Science Visioning Committee*  
 Member (2008)

*Canadian Federation of Earth Sciences (CFES)*  
 Director (2008 – 2011)

*Canadian Geotechnical Society (CGS) – 2008 Schuster Medal Selection Committee*  
 Committee Member (2008)

*CISSET-NRC (Committee on International Science, Engineering and Technology – National Research Council)*  
 Earth and Space Sciences Representative Committee Member (2007 – 2013)

*PAGSE-NSERC (The Partnership Group for Science and Engineering-NSERC)*  
 Committee Member (2007 – 2009)

*CNC-IYPE - Canadian National Committee for IYPE*  
 Ex Officio member (2007 – 2010)

*UNESCO Global Network of National Geoparks*  
 Advisory Group member and expert (2006 – 2009)

*International Year of Planet Earth*  
 Senior Scientific Advisor (2005 – 2010)

*First North American Landslide Conference (Vale, USA)*  
 Chair – International Advisory Committee (2005 – 2007)

*European Commission (Applied Multi Risk Mapping of Natural Hazards for Risk Assessment Project - ARMONIA)*  
 Quality Control Advisor (2005 – 2007)

*Canadian Society for Civil Engineers – 1<sup>st</sup> Specialty Conference on Disaster Mitigation (Calgary, Canada)*  
 Scientific Committee Member (2005 – 2006)

*ICSU (International Council for Science) – Hazards Scoping Group*  
 Observer (2005)

*IUGS (International Union of Geological Sciences)*  
 Secretary General (2004 – 2012)  
 Vice President (2000 – 2004)  
 Web Master (2008 – 2017)

*IGCC (International Geological Congress Committee)*  
 Committee member (2004 – 2012)

*ICSU (International Council for Science) – Scientific Committee for Problems in the Environment (SCOPE)*  
 Liaison (2004 – 2006)

*IAEG (International Association of Engineering Geology and the Environment) Commission 17 – Aggregate*  
 International Commission Member (2003 – 2008)

*CIDA (Canadian International Development Agency) MAP:GAC (Multinational Andean Project Geoscience for Andean Communities)*  
 Machu Picchu Project Geologist (2003 - 2006)

*INQUA Commission on Terrestrial Processes, Deposits and History*  
 Advisory Council Member (2003 – 2012)

*Landslides: Journal of the International Consortium on Landslides*  
 Associate Editor (2003 – date)

*IGBP (International Geosphere-Biosphere Programme)*  
 IUGS Representative (2003 – 2006)

*Quaternary International*  
 Associate Editor (2002 – 2016)

*The Explorers Club*  
 International Member (2001 – date)

*Third Canadian Conference on Geohazards and Geotechnique*  
 Technical Committee Member (2002 – 2003)

*Sixth International Symposium on Environmental Geochemistry*  
 International Advisory Panel member (2001 – 2003)

*IGCP Project #454 (Medical Geology)*  
 International Co-leader (2000 – 2005)

*Universidad Nacional de San Antonio Abad, Cusco, Peru*  
 Honorary Member of the Faculty of Engineering Geology and Geography (1999 - date)

*International Working Group on Medical Geology (IUGS)*  
 Member (1998 - 2004)

*Canadian Geoscience Council (CGC)*  
 International Director (1998 – 2001)

*IGCP Project #425 (Landslides and Cultural Heritage Sites)*  
 Canadian Co-leader (1998 - 2000)

*Canadian National Committee International Geological Correlation Programme*  
 CNC-IGCP member (1996 – 1998)



CNC-IGCP Executive Liaison (1998 – 2012)  
*Canadian National Committee - International Union for Quaternary Research*  
 CNC-INQUA member (1995 – 1999)  
*Commission on Geological Sciences for Environmental Planning (IUGS)*  
 COGEOENVIRONMENT Secretary General (1994 – 2000)  
*Working Group on World Landslide Inventory (IUGS)*  
 Official Liaison (1995 – 2000)  
*International Working Group on Geoinicators (IUGS)*  
 Member (1993 – 2000)  
*International Working Group on Urban Geology (IUGS)*  
 Corresponding Member (1993 – 1999)  
*Commission on Applied Quaternary Research (INQUA)*  
 Member (1991 – 1995)  
*Canadian Quaternary Association*  
 Past President (1997 – 1999)  
 President (1995 – 1997)  
 Vice President (1993 – 1995)  
 Newsletter Associate Editor (1991 – 1993)  
 Councillor (1989 – 1995)  
*Geological Association of Canada - Pacific Section*  
 Past President (1992 – 1993)  
 President (1991 – 1992)  
 Executive Member (1989 – 1991)  
*Resource Inventory Committee (RIC) for the B.C. Provincial Government*  
 Chairman - Surficial Geology Task Group (1991 – 1996)  
 Member - Groundwater Task Group and Slope Stability Task Group (1991 – 1996)

## **CURRENT RESEARCH**

Engineering geology including landslide process and mechanisms; risk assessment; terrain and terrain stability mapping; landslide modelling; paleoseismicity and paleotsunamis studies; Quaternary stratigraphy and process sedimentology; aggregate studies, till geochemistry, NEOs and human society; geoethics, medical geology and geoheritage/geodiversity studies. Geographic areas of interest: Canada, Peru, China, India, Japan and Italy.

## **UNIQUE GEOSCIENCE INITIATIVES**

- Founding participant in the development and implementation of a UNESCO program entitled the International Consortium of Landslides (ICL); a non-profit, international initiative that promotes landslide research and awareness on a global scale
- Quality control advisor on risk assessment for European Commission 6<sup>th</sup> Framework Programme for Research and Technological Development (Applied Multi Risk Mapping of Natural Hazards for Risk Assessment)
- Smithsonian Institution Theme Lecturer
- Editor-in-Chief *Encyclopedia of Natural Hazards*
- Co-Editor-in-Chief *Encyclopedia of Engineering Geology*
- Editor-in-Chief *Encyclopedia of Quaternary Sciences (in progress)*
- Contributed to the conception and launch of a new international journal: *GeoHeritage* (Springer International)
- Contributed to the conception and launch of a new international journal: *Landslides* (Springer International)
- Comet/Asteroid Impacts and Human Society (obtained ICSU funding, organized workshop and publication)
- Developed the Geological Survey of Canada, Canada Landslide Loss Reduction Program

- Developed and published two British Columbia provincial government information flyers (landslides and earthquakes) for public outreach activities

## **PROFESSIONAL ACTIVITIES**

### **2022**

- Co-Convener      Session NH3.8 – Landslide monitoring: recent technologies and new perspectives. EGU, Vienna, Austria 23-27 May 2022 (Virtual)
- Co-Convener      Symposium-SY04 – IUGS, Geoparks and IGCP – Retrospection, today and the future. GACMAC, Halifax, Nova Scotia, Canada 15-18 May 2022 (Virtual)
- PEng/PGeo Disciplinary Committee Panel  
Member            Case T10-054 12-16 September 2022

### **2021**

- Session Convenor/Chair  
International Consortium on Landslides - WLF5 – Sendai Landslide Partnerships, Kyoto Landslide Commitment, and International Programme on Landslides, Kyoto, Japan, September 2021 (Virtual)
- Invitation to Lead      Technical Evaluation for the UNESCO Project “Jordanian and Syrian Youth for heritage conservation and risk evaluation at Petra”. Amman, Jordan 7 July 2021
- Invited Keynote Speaker  
International Symposium on IoT and ML for Ecosystem Restoration & Multi-Hazard Resilience 2021 – ISIM. Virtual Meeting 5 – 9 June 2021
- Invited Speaker      Vancouver Rotary Club, Dinner Speaker, “Hunting for Great Earthquakes and Paleo-Tsunamis”, Vancouver, Canada, 11 May 2021
- Co-Convener      Session NH3.5/GM3.5 – Landslide Monitoring: recent technologies and new perspectives. EGU, Vienna, Austria 19 – 30 April 2021
- PEng/PGeo Disciplinary Committee Panel  
Member            Case T20-030 13-15 September 2021
- PEng/PGeo Disciplinary Committee Panel  
Member            Case T20-030 20-22 April 2021
- PEng/PGeo Disciplinary Committee Panel  
Member            Case T19-059 22 February 2021
- PEng/PGeo Disciplinary Committee Panel  
Member            Case T19-031 8-12 February 2021
- Grant Evaluator      NSERC Discovery Grant Proposal (GE 1509). 15 November 2021  
(*Declined*)
- Grant Evaluator      F.R.S.-FNRS Fund for Scientific Research (Belgium) 3yr Post Doctorate Fellowship Proposal. 24 February 2021

MS Reviewer	Remote Sensing (remotesensing-1553790) 29 December 2021 ( <i>Declined</i> )
MS Reviewer	Landslides (LASL-D-21-00752) 6 December 2021 ( <i>Declined</i> )
MS Reviewer	Geosciences (geosciences-1476282) 3 December 2021 ( <i>Declined</i> )
MS Reviewer	Terra Nova (Academia Letters – PNV Truong paper) 29 November 2021 ( <i>Declined</i> )
MS Reviewer	Terra Nova (TER-2021-0122) 28 November 2021 ( <i>Declined</i> )
MS Reviewer	Geosciences (geosciences-1498911) 26 November 2021 ( <i>Declined</i> )
MS Reviewer	Geosciences (geosciences-1428722) 19 November 2021 ( <i>Declined</i> )
MS Reviewer	Geosciences (geosciences-1421778) 6 October 2021 ( <i>Declined</i> )
MS Reviewer	Landslides (LASL-D-21-00259) 4 October 2021 ( <i>Declined</i> )
MS Reviewer	Geosciences (geosciences-1414340) 27 September 2021 ( <i>Declined</i> )
MS Editor	Landslides (LASL-D-21-00455) 7 September 2021 ( <i>Declined</i> )
MS Reviewer	Landslides (LASL-D-21-00552) 1 September 2021 ( <i>Declined</i> )
MS Reviewer	Applied Sciences (applsci-1370981) 27 August 2021 ( <i>Declined</i> )
MS Reviewer	Water (water-1354655) 26 August 2021 ( <i>Declined</i> )
MS Reviewer	Geoscience Communication (gc-2021-24) 22 August 2021 ( <i>Declined</i> )
MS Reviewer	Landslides (LASL-D-21-00233) 15 August 2021 ( <i>Declined</i> )
MS Editor	Landslides (LASL-D-21-00492) 5 August 2021 ( <i>Declined</i> )
MS Reviewer	Quaternary Science Reviews (JQSR-D-21-00474) 2 August 201 ( <i>Declined</i> )
MS Reviewer	Water – Online MDPI Journal (Water-1316467) 20 July 2021 ( <i>Declined</i> )
MS Reviewer	Landslides (LASL-D-21-00392) 16 July 2021 ( <i>Declined</i> )
MS Reviewer	Bulletin of Engineering Geology and the Environment (BOEG-D-21- 00071) ( <i>Declined</i> )
MS Reviewer	Geosciences (geosciences-1269753) 6 June 2021 ( <i>Declined</i> )
MS Reviewer	International Journal of Geoheritage and Parks (IJGEO-D-21-00019) 5 June 2021 ( <i>Declined</i> )
MS Reviewer	Earth Surface and Processes Landforms (Article #ESP-21-0041) 22 March 2021
MS Reviewer	Natural Hazards (Article #NHAZ-D-21-00142) 15 March 2021

MS Reviewer	International Journal of Geoheritage and Parks (Article IJGEO-D-21-0001) 5 March 2021 ( <i>Declined</i> )
Media Call	KPFT FM Radio (Daniel Minisini, Houston, Texas) IAPG and the history of geoethics in geosciences 19 February 2021
Invited Referee	Competency Evaluation for Brendan Smithwick for APEGA Membership 22 July 2021
Invited Referee	Letter of support for Dr. Andrea Hawkes (U of North Carolina) for NSF Grant 21 June 2021 ( <i>Successful</i> )
Invited Referee	Nomination for Mr. Doug VanDine (VanDine Geotech Inc.) for the GCS RF Legget Medal 15 April 2021 ( <i>Successful</i> )

## 2020

Invited Distinguished Guest/ Panel Speaker	International Geographical Union, Indian International Conference (Virtual) 2020. "Global to Local Sustainability & Future Earth", 19 December 2020
Invited Speaker	International Symposium on National Park and Natural Heritage Protection, Beijing, China, 12 – 13 December 2020 ( <i>Declined</i> )
Co-Chair	XIII <sup>nd</sup> International Program on Landslides meeting, XII <sup>nd</sup> Board of Representatives - International Consortium on Landslides meeting, Kyoto, Japan, 16 – 19 November 2020 (Virtual)
Co-Convener	Session NH3.9 – Landslide investigation using Remote Sensing and Geophysics. EGU, Vienna, Austria 6 May 2020 (Virtual)
PEng/PGeo Disciplinary Committee Panel Member	Case T18-002 15-17 September 2020 ( <i>Resolved</i> )
PEng/PGeo Disciplinary Committee Panel Chair	Case T17-062 26-30 June 2020
PEng/PGeo Disciplinary Committee Panel Member	Case T18-037 13-14 May 2020 ( <i>Resolved</i> )
Grant Evaluator	NSERC E.W.R. Steacie Memorial Fellowship Proposal. 5 October 2020 ( <i>Declined – Conflict of Interest</i> )
MS Editor	Landslides (Article #LASL-D-00676) 5 November 2020
MS Reviewer	Geosciences (Article #993012) 28 October 2020 ( <i>Declined</i> )
MS Reviewer	Geosciences (Article #980949) 22 October 2020 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-20-00448) 10 October 2020
MS Reviewer	Natural Hazards (Article #NHAZ-D-20-00838R1) 14 October 2020 ( <i>Declined</i> )
MS Reviewer	Natural Hazards and Earth System Sciences (Article #nhess-2020-233) 30 August 2020 ( <i>Declined</i> )

MS Reviewer	Natural Hazards (Article #NHAZ-D-20-00473) 24 July 2020 ( <i>Declined</i> )
MS Reviewer	Natural Hazards (Article #NHAZ-D-20-00933) 14 July 2020 ( <i>Declined</i> )
MS Reviewer	Geological Society of London (Article GSLSpecPub2020-146) 9 June 2020
MS Reviewer	Natural Hazards (Article #NHAZ-D-19-00749) 18 May 2020
MS Reviewer	Geosciences (Article #geosciences-839865) 3 June 2020 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-19-00745) 11 February 2020 ( <i>Declined</i> )
MS Reviewer	Episodes (Article #EPISODES-D-20-00019) 10 February 2020
Media	Cap News (Daren Zomerman) 1700 AD Earthquake and Tsunami 13 October 2020
Invited Referee	Nomination for Dr. Michael Porter (BGC Engineering Inc.) to the Engineering Institute of Canada for EIC Fellow 19 October 2020 ( <i>Pending</i> )

## 2019

Invited Natural Hazard Assessment Expert	Consultancy Assignment for Assessment of Economic Impacts from Disasters along Key Corridors – Tajikistan, World Bank Financing ( <i>Declined</i> ) – November 14, 2019
Invited Honorable Lecturer	International Conference on “Landslides and Slope Stability” – Advancement of Research, Practice, and Integrated Solution on Landslide (SLOPE 2019). Bali, Indonesia, 25 -27 September 2019 ( <i>Declined</i> )
Smithsonian Institution Theme Lecturer	Sponsored lectures: Dunes; Petra; Machu Picchu; Easter Island; Morocco; Geoheritage (multiple global venues) 29 September – 22 October 2019
Invited Participant	XII <sup>nd</sup> International Program on Landslides meeting, XII <sup>nd</sup> Board of Representatives - International Consortium on Landslides meeting, Paris, France, 16 – 19 September 2019
Invited Contributor	Treatise on Geomorphology 2 <sup>nd</sup> Edition (Mass Movement Geomorphology) edited by A. Gunther, Elsevier ( <i>Declined</i> )
Smithsonian Institution Theme Lecturer	Sponsored lectures: 1964 Great Alaska Earthquake; Glaciers (Alaska) 13 – 20 July 2019
Co-Organizer/ Co-Chair	Advances in Landslide Risk Reduction Session. 11 <sup>th</sup> International Conference on Silk-roads Disaster Risk Reduction and Sustainable Development, Beijing, China 11 – 12 May 2019 (with Alexander Strom, Kyoji Sassa and Lijun Su)

Smithsonian Institution

Theme Lecturer Sponsored lectures: Climate Change; Dunes and Deserts; Volcanoes; Glaciers (Australia/New Zealand) February 20 – 11 March 2019

Smithsonian Institution

Theme Lecturer Sponsored lectures: Climate Change; Glaciers; Marine Geology (Antarctica) January 26 – 8 February 2019

PEng/PGeo Disciplinary Committee Panel

Member Case T16-055 Dec 2019

PEng/PGeo Disciplinary Committee Panel

Member Case T16-010 23 July 2019

PEng/PGeo Disciplinary Committee Panel

Member Case T18-006 22 May 2019

PEng/PGeo Disciplinary Committee Panel

Member Case T18-052 3 May 2019

Grant Evaluator NSERC Discovery Grant Proposal. 30 December 2019 (*Declined*)

MS Reviewer Landslides (Article #LASL-D-19-00511) 4 December 2019 (*Declined*)

MS Editor Landslides (Article #LASL-D-19-00544) 20 November 2019 (*Declined*)

MS Reviewer Bulletin of Engineering Geology and the Environment (Article #BOEG-D-19-00832) 19 October 2019 (*Declined*)

MS Reviewer Geological Society of London (Article #GSLSpecPub2019-157) 22 October 2019

MS Reviewer Landslides (Article #LASL-D-19-00395) 1 September 2019 (*Declined*)

MS Reviewer Natural Hazards (Article #NHAZ-D-19-0079) 27 August 2019 (*Declined*)

MS Reviewer Earth Science Reviews (Article #EARTH\_2019\_399) 7 July 2019 (*Declined*)

MS Editor Landslides (Article #LASL-D-19-00212) 9 July 2019 (*Declined*)

MS Reviewer Natural Hazards (Article #NHAZ-D-19-00466) 4 July 2019 (*Declined*)

MS Reviewer Landslides (Article #LASL-D-18-00574R1) 18 May 2019 (*Declined*)

MS Reviewer Quaternary (Article #502353) 28 April 2019 (*Declined*)

MS Reviewer Habitat International (Article #HABITATINT\_2019\_195) 29 April 2019 (*Declined*)

MS Reviewer Atmosphere (Article #503833) 28 April 2019 (*Declined*)

MS Reviewer International Journal of Geoheritage and Parks (Article #IJGEO-D-19-00004) 10 April 2019 (*Declined*)

MS Reviewer	Natural Hazards (Article #NHAZ-D-18-01480) ( <i>Declined</i> )
MS Reviewer	Geosciences (Article #467396) 4 March 2019 ( <i>Declined</i> )
MS Reviewer	Geoheritage (Article #National Marine Park Karaburun –Sazan) 2 March 2019 ( <i>Declined</i> )
MS Reviewer	Quaternary (Article #432333) 27 February 2019 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-18-00585) 10 January 2019 ( <i>Declined</i> )
Invited Referee	New position for Dr. Renato Macciotta (University of Alberta) from the Department of Civil & Environmental Engineering, University of Alberta, 18 January 2019 ( <i>Successful</i> )
Invited Referee	Nomination for Dr. John Clague (Simon Fraser University) for the EGU Sergey Soloviev Medal (natural hazards) 11 June 2019 ( <i>Successful</i> )
Invited Referee	Nomination for Mr. Doug VanDine (VanDine Geotech Inc.) for the EIC JB Stirling Medal 15 October 2019 ( <i>Successful</i> )
Invited Referee	Nomination for Mr. Jerry De Graff (USCS) for the 2020 AEG-CGS Schuster Medal Award ( <i>Successful</i> )

## 2018

Smithsonian Institution	
Theme Lecturer	Sponsored lectures: Climate Change; Glaciers; Volcanoes (Iceland) 16 – 26 October 2018
Invited Keynote	International Conference on National Park and Geoheritage: Geotourism and Benefiting the Local Population. Beijing, China, 9 – 10 October 2018
Co-Organizer	Session EA17 – Integrated Geosciences for Regional Geology: Geophysics, Remote Sensing and Field Mapping. RFG2018 (Resources for Future Generations), Vancouver, British Columbia, Canada 16 – 21 June 2018 (with J. Conliffe, V. Singhroy and G. Falironi)
Co-Organizer	Session RS9 – Geoethics in georisks management for a safer and more resilient society (IAPG). RFG2018 (Resources for Future Generations), Vancouver, British Columbia, Canada 16 – 21 June 2018 (with G. Di Capua, S. Tinti, and V. Cronin)
Co-Organizer	Session RS13 – Geoethics and Environmental and Social Responsibility: Doing the Right Thing to Develop Resources for Future Generations. RFG2018 (Resources for Future Generations), Vancouver, British Columbia, Canada 16 – 21 June 2018 (with R. Allington, J. Boon, G. Di Capua, D. Mogk, S. Peppoloni)
Smithsonian Institution	
Theme Lecturer	Sponsored lectures: Climate Change; Dunes and Deserts; Volcanoes; Glaciers (Australia and New Zealand) 15 January – 7 February 2018
Co-Organizer/ Co-Chair	Theme 5 – Geohazards Session. Geosciences for Society Congress, El Jadida/Marrakech, Morocco 20 – 24 March 2018 (with Tamesgen Assefa, Boumegarde El Hassan, El Bchari Fatima, Rouai Mohamed)

Co-Organizer/ Co-Chair	Theme 9 – Geoethics Session. Geosciences for Society Congress, El Jadida/Marrakech, Morocco 20 – 24 March 2018 (with Errami Ezzoura, Peppoloni Silvia, Hamimi Zakaria)
Grant Evaluator	NSERC Discovery Grant Proposal. 13 November 2018 ( <i>Declined</i> )
Grant Evaluator	Oregon Sea Grant LEAF Competition 2018-2022. 13 March 2018 Title: Retrodicting earthquake source characteristics from tsunami inundation along the Oregon coast (Full-Proposal) ( <i>Successful</i> )
Media Call	The Canadian Press, Vancouver (Amy Smart, Vancouver) Landslide near Old Fort, Peace River 11 October 2018
Media Call	CTV News Victoria (Bob Buffam, Victoria) Rock slide on Malahat Highway, Vancouver Island 10 September 2018
PEng/PGeo Disciplinary Committee Panel Member	Case T17-042 25 September 2018
PEng/PGeo Disciplinary Committee Panel Member	Case T17-040 29 August 2018
MS Reviewer	Earth-Science Reviews (Article #EARTH_2018_531) 4 November 2018 ( <i>Declined</i> )
MS Reviewer	Advances in Civil Engineering (Article #8763569) 26 October 2018 ( <i>Declined</i> )
MS Reviewer	Reviews of Geophysics (Article #2018RG000626) 7 October 2018 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-18-00404) 14 September 2018 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-18-00379) 9 September 2018 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-18-00283) 10 July 2018 ( <i>Declined</i> )
MS Reviewer	Natural Hazards and Earth System Sciences (Article #nhess-2018-100) 20 May 2018 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-18-00158) 6 May 2018 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-18-00108) 18 April 2018 ( <i>Declined</i> )
MS Editor	Landslides (Article #LASL-D-18-00167) 13 April 2018
Book Reviewer	CRC Press (Urban Watersheds), 2 <sup>nd</sup> edition. 6 April 2018
MS Reviewer	Natural Hazards and Earth System Sciences (Article #nhess-2017-432) 3 April 2018
MS Reviewer	GeoHazard 7 Proceedings (3 contributions) 22 February 2018



MS Reviewer Mathematical Problems in Engineering (Article #9230217) 12 February 2018 (*Declined*)

MS Reviewer Geosciences (Article GEOSCIENCES-266969) 1 January 2018 (*Declined*)

## 2017

Invited Participant XX<sup>th</sup> International Program on Landslides meeting, XX<sup>th</sup> Board of Representatives - International Consortium on Landslides meeting, Paris, France, 29 November – 1 December 2017

Co-Organizer/  
Co-Chair Session – Current Trends in Landslide Monitoring: new techniques, methods, successes, failures and case studies. Geological Society of America Annual Meeting, Seattle, WA, USA 22 – 25 October 2017 (with Huntley, D., Hendry, M. and R. Macciotta)

Co-Organizer/  
Co-Chair Session – The Geological Signature of Natural Hazard Events: making the invisible visible. Geological Society of America Annual Meeting, Seattle, WA, USA 22 – 25 October 2017 (with Huntley, D., Chague-Goff, C. and J. Knight)

Smithsonian Institution  
Theme Lecturer Sponsored lectures: Climate Change; Glaciers; Volcanoes (Iceland) 19 – 29 August 2017

Invited Panel Discussant  
CCArray Scientific Workshop, PGC, Sidney, BC 16 – 17 August 2017

Co-Chair Session 4.5 – Theme 4 Diversity of Landslide Forms. 4<sup>th</sup> World Landslide Forum, Ljubljana, Slovenia, 29 May – 2 June 2017 (with M. Parise)

Smithsonian Institution  
Theme Lecturer Sponsored lectures: Climate Change; Suez Canal; Preservation of Petra; Egyptian Architecture; Arabian Peninsula; Dead Sea; Santorini (multiple venues) 2 – 23 May 2017

Smithsonian Institution  
Theme Lecturer Sponsored lectures: Climate Change; Dunes and Deserts; Volcanoes; Glaciers (Australia and New Zealand) 15 February – 9 March 2017

Chair Geological Society of America, Annual Program Committee meeting. Boulder, Colorado, USA, February 2017

Evaluator New book proposal (Forensic Soil Science and Geology) submitted to the Geological Society Publishing House 3 March 2017

Journal Guest Editor  
Sedimentary Geology (special issue SEDGEO-6305, 6276, 6241, 6238, 6235, 6220, 6199, 6433)

MS Reviewer Journal of Maps (Article #TJOM-2017-0102) 13 December 2017

MS Editor Arabian Journal of Geosciences (Article #AJGS-D-17-01872) 5 December 2017 (*Declined*)

MS Editor	Arabian Journal of Geosciences (Article #AJGS-D-17-01751) 5 December 2017 ( <i>Declined</i> )
MS Reviewer	Marine Geology (Article #MARGO_2017_292) 17 November 2017 ( <i>Declined</i> )
MS Editor	Arabian Journal of Geosciences (Article #AJGS-D-17-01679) 11 November 2017 ( <i>Declined</i> )
MS Reviewer	Earth-Science Reviews (Article #EARTH_2017_456) 9 November 2017
MS Editor	Arabian Journal of Geosciences (Article #AJGS-D-17-01588) 27 October 2017 ( <i>Declined</i> )
MS Reviewer	Geosciences (Article #geoscience-236343) 13 October 2017
MS Editor	Arabian Journal of Geosciences (Article #AJGS-D-17-01021) 9 September 2017 ( <i>Declined</i> )
MS Reviewer	Hydrology (Article #hydrology-220198) 9 August 2017 ( <i>Declined</i> )
MS Reviewer	Geosciences (Article #geosciences-219317) 9 August 2017 ( <i>Declined</i> )
MS Reviewer	Remote Sensing (Article #215938) 19 July 2017 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-17-000227) 14 July 2017
MS Reviewer	Annals of Geophysics (Article #7410-17674-RV) 8 June 2017
MS Reviewer	Geosciences (Article #geosciences-197231) 4 May 2017 ( <i>Declined</i> )
MS Reviewer	Earth Science Reviews (Article #EARTH_2017_166) 25 April 2017 ( <i>Declined</i> )
MS Reviewer	Geosciences (Article #geosciences-189336) 27 March 2017
MS Editor	Landslides (Article #LASL-D-17-00080) 15 March 2017
MS Reviewer	Marine Geology (Article #MARGO_2017_52) 8 March 2017
MS Reviewer	Landslides (Article #LASL-D-17-00052) 1 March 2017 ( <i>Declined</i> )
MS Reviewer	Natural Hazards and Earth System Sciences (NHES) (nhess-2017-46) 13 February 2017 ( <i>Declined</i> )
MS Reviewer	Arabian Journal of Geosciences (Article #AJGS-D-16-02141) 8 February 2017 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-17-00030) 2 February 2017 ( <i>Declined</i> )
MS Reviewer	Geomorphology (Article #GEOMOR_2017_26) 1 February 2017 ( <i>Declined</i> )

MS Reviewer 3<sup>rd</sup> North American Symposium on Landslides (Article by Gauthier, Hutchinson and Ortiz) 13 January 2017

MS Reviewer 3<sup>rd</sup> North American Symposium on Landslides (Article by Macciotta, Rodriguez, Hendry and Martin) 1 January 2017

## 2016

Visiting Fellow JSPS (Japanese Society for the Promotion of Science) Short-Term Fellowship for Overseas Researchers; AIST, Tsukuba, Japan; 7 December 2016 – 5 January 2017

Invited Participant 12<sup>th</sup> Session International Program on Landslides (IPL), 16<sup>th</sup> Session Board of Representatives - International Consortium on Landslides (ICL) meeting, Paris, France, 15 – 18 November, 2016

Local Organizing Committee/

Theme Champion 35<sup>th</sup> International Geological Congress, Cape Town, South Africa, 27 August – 4 September 2016

Co-Chair/

Co-Organizer Session “Geoethics: general aspects and case studies”, 35<sup>th</sup> International Geological Congress. Cape Town, South Africa, 27 August – 4 September 2016 (with G. Di Capua)

Co-Chair/

Co-Organizer Session “GeoHeritage: global case studies and success stories”, 35<sup>th</sup> International Geological Congress. Cape Town, South Africa, 27 August – 4 September 2016 (with W. Eder and P. de Wever)

Co-Chair/

Co-Organizer Session “Geohazards and societal benefits: coping with reality”, 35<sup>th</sup> International Geological Congress. Cape Town, South Africa, 27 August – 4 September 2016 (with J. Clague, J. Knight, B. Marker and C. Chague- Goff)

Co-Chair/

Co-Organizer Session “Managing Geohazards and Risks from space”, 35<sup>th</sup> International Geological Congress. Cape Town, South Africa, 27 August – 4 September 2016 (with V. Singhroy)

Smithsonian Institution

Theme Lecturer Sponsored lectures on: Climate Change; Suez Canal; Preservation of Petra; Egyptian Architecture; Arabian Peninsula; Dead Sea; Volcanoes and Sicily (multiple venues) 2 – 23 May 2016

Chair

Geological Society of America, Annual Program Committee meeting. Boulder, Colorado, USA, February 2016

Invited Participant

11<sup>th</sup> International Program on Landslides meeting, 15<sup>th</sup> Board of Representatives - International Consortium on Landslides meeting, Kyoto, Japan, 8 – 11 March 2016 (*Declined*)

EA Expert

Environmental Assessment – Mine Development – Ajax Copper-Gold Proposal, February 2016

MS Editor

Geosciences (Article #153425) 27 September 2016

MS Editor	Landslides (Article #LASL-D-16-00241) 29 August 2016
MS Editor	Landslides (Article #LASL-D-16-00029) 26 February 2016 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-16-00306) 17 December 2016 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-16-00346) 8 December 2016 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-16-00152) 23 June 2016 ( <i>Declined</i> )
MS Reviewer	Earth Science Reviews (Article #3131) 22 May 2016 ( <i>Declined</i> )
MS Reviewer	Natural Hazards and Earth System Sciences (Article #NHES-2016-102) 2 May 2016 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-16-00025) 4 April 2016 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-16-00052) 14 March 2016 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-15-00282) 5 January 2016 ( <i>Declined</i> )
Media Call	CFOX-1070 Radio Victoria (Marek Brennae, Victoria) Paleotsunamis on Vancouver Island. 16 July 2016
Media Call	CBC News Online Vancouver (Yvette Brend, Vancouver). Paleotsunamis on Vancouver Island. 13 July 2016 <a href="http://www.cbc.ca/news/canada/british-columbia/paleotsunami-b-c-tofino-prince-rupert-peter-bobrowsky-1.3677842">http://www.cbc.ca/news/canada/british-columbia/paleotsunami-b-c-tofino-prince-rupert-peter-bobrowsky-1.3677842</a>
Media Call	CBC Radio Victoria (Gregor Craigie, Victoria). Paleotsunamis on Vancouver Island. 13 July 2016
Media Call	Alberni Valley News (Karly Klats, Port Alberni). Paleotsunamis in Port Alberni, 24 June 2016 <a href="http://www.albernavalleynews.com/news/385072411.html">http://www.albernavalleynews.com/news/385072411.html</a>
Media Call	CBC News TV (Carol MacNeil, Toronto). Sinkhole in Ottawa. 6 June 2016
Media Call	Global News TV (Bryan Mullan, Ottawa). Sinkhole in Ottawa. 6 June 2016 ( <i>Declined</i> )
Media Call	Mother Board Media (Bryson Masse, Ottawa). Sinkhole in Ottawa. 6 June 2016

## 2015

Invited Keynote	Technical Session T23 – Landslide, Subsidence, and Debris Flow-Hazards: Integrating Engineering Geology Research and Communication Solutions. Geological Society of America Annual Meeting, Baltimore, Maryland, USA, 1 – 4 November 2015
Invited Keynote	Technical Session T72 – Ethics of Geoscience in Practice and Application. Geological Society of America Annual Meeting, Baltimore, Maryland, USA, 1 – 4 November 2015

- Invited Keynote      Geo Inv 2015, Congres Internationale, Les Inventaires due Geopatrimonine – enjeux, bilans et perspectives (Geoheritage Inventories: Challenges, Achievements and Perspectives) Toulouse, France, 22 - 26 September 2015 (*Presented in absentia*)
- Invited Participant/  
Organizing Committee Member  
Third International Symposium on Danxia Landforms, Red Beds and Danxia Geomorphology Working Group of IAG, Jiangshan City, Zhejiang Province, China, 21 – 23 September 2015 (*Supported in absentia*)
- Smithsonian Institution  
Theme Lecturer      Sponsored lectures on: Climate Change; Glaciers; Volcanoes (Iceland) 25 July – 4 August 2015
- Invited Presentation/  
Co-Presenter      NRCan – Food For Thought Lecture Series: Monitoring Canada’s Railway Infrastructure: New Tools and New Collaborations. 19 May 2015
- Invited Participant      International Program on Landslides, UNESCO-International Consortium on Landslides, 4<sup>th</sup> BOR/ICL and 10<sup>th</sup> IPL-GPC, ICL-IPL meeting during the 3<sup>rd</sup> World Conference for Disaster Reduction (WCDRR), Sendai, Japan, 11 - 15 March 2015
- Chair      Geological Society of America, Annual Program Committee meeting. Boulder, Colorado, USA, February 2015
- Evaluator      New book proposal (Remote Sensing and Early Warning of Natural Hazards) submitted to American Geophysical Union. Publishing 25 March 2015
- Evaluator      NSF (National Science Foundation grant (Proposal #1522823) 20 February 2015 (*Declined*)
- MS Reviewer      GSA Special Volume “Geology and Medicine: Historical Connections” (Article – Archaeological Medicinal Earths as Antibacterial Agents: the case of the Basel Lemnian sphragides) 17 December 2015 (*Declined*)
- MS Reviewer      Estudios Geologicos (Article Itoiz Reservoir Spain) 10 December 2015 (*Declined*)
- MS Reviewer      Geosciences (Article #108357) 23 November 2015
- MS Reviewer      African Journal of Environmental Science and Technology (Article #AJEST-30.09.15-2016) 5 October 2015 (*Declined*)
- MS Reviewer      Journal of Mountain Science (Article #ID 15-3594) 02 October 2015 (*Declined*)
- MS Reviewer      Landslides (Article #LASL-D-15-00096R1) 14 September 2015 (*Declined*)
- MS Reviewer      Landslides (Article #LASL-D-15-00185) 19 August 2015 (*Declined*)
- MS Reviewer      Landslides (Article #LASL-D-15-00147) 19 August 2015 (*Declined*)

MS Reviewer	Landslides (Article #LASL-D-15-00173) 5 August 2015 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-D-15-00069) 7 July 2015
MS Reviewer	Episodes (Article #31 <sup>st</sup> IGC) 6 July 2015
MS Reviewer	Natural Hazards and Earth System Sciences (Article #nhess-2015-166) 5 July 2015
MS Reviewer	Landslides (Article #LASL-D-15-00096) 21 June 2015
MS Reviewer	Earth-Science Reviews (Article #EARTH2798) 3 June 2015
MS Reviewer	Oxford Research Encyclopedia of Natural Hazard Science (Article – #Climate Adaptation) 20 May 2015
MS Reviewer	Landslides (Article #LASL-D-15-00121) 31 May 2015 ( <i>Declined</i> )
MS Reviewer	African Journal of Environmental Science and Technology (Article #AJEST/26.09.14/1799) 20 April 2015 ( <i>Declined</i> )
MS Reviewer	Bulletin of Engineering Geology and the Environment (Article #BOEG-D-15-00015) 7 April 2015
MS Reviewer	Geoscience Canada (Article #22652) 2 March 2015
Media Call	CBC News Radio (Michelle McCaw). Sinkholes in Saskatchewan. 3 June 2015 ( <i>Declined</i> )
Invited Referee	Promotion to Full Professor for Dr. Vit Vilimek – Department of Physical Geography and Geoecology, Charles University in Prague, Czech Republic 25 November 2015 ( <i>Successful</i> )
Invited Referee	New position for Prof. Patrick Wassmer Faculté de Géographie et d'Aménagement, Université de Strasbourg, France 28 November 2015 ( <i>Successful</i> )
<b>2014</b>	
Invited Keynote	Progetto Pon: Sistemi integrati per il monitoraggio, l'early warning e la mitigazione del rischio idrogeologico lungo le grandi vie di comunicazione. Discussiamo i risultati. Università della Calabria, Arcavacata di Rende, Italy, 25 - 28 November 2014 ( <i>Declined</i> )
Co-Organizer/ Co-Chair	Session – Pan-Pacific Subduction Zone Hazards: Tectonic and Gravitational Effects. Geological Society of America Annual Meeting, Vancouver, British Columbia, Canada 19 – 22 October 2014
Co-Organizer/ Co-Chair	Session 5.4 – Communicating Engineering Geology with Urban Planners. IAEG XII, (International Association of Engineering Geology and the Environment), Turin, Italy 15 – 19 September 2014
Co-Organizer/	

Co-Chair	Session 7.7 – Standards, Guidelines and Best Practices for Engineering Geology. IAEG XII, (International Association of Engineering Geology and the Environment), Turin, Italy 15 – 19 September 2014
Co-Organizer/ Co-Chair	Session 7.3 – Geoethics and Natural Hazards: Communication, Education and the Science-Policy-Practice Interface. IAEG XII, (International Association of Engineering Geology and the Environment), Turin, Italy 15 – 19 September 2014
Co-Organizer/ Co-Chair	Session A3 – Policy, Legislation and Guidelines on Landslides. 3 <sup>rd</sup> World Landslide Forum, Beijing, China 2 – 6 June 2014
Organizer/Chair	Session A7 – General Landslide Studies. 3 <sup>rd</sup> World Landslide Forum, Beijing, China 2 – 6 June 2014
Co-Organizer/ Co-Chair	Special Session “Natural Hazards and Risk”, Geological Association of Canada-Mineralogical Association of Canada, Annual Meeting, Fredericton, New Brunswick, 21 – 23 May 2014
Invited Speaker	Mini-symposium on “Probabilistic Risk Assessment for Rainfall-induced Phenomena (MS5)”, 12 <sup>th</sup> International Conference on Applications of Statistics and Probability in Civil Engineering (ICASP12), Vancouver, BC, 12-15 July 2014 ( <i>Declined</i> )
Invited Speaker	ESS Policy Committee – Presentation on the China-Canada Landslide Monitoring Project, 1 May 2014
Invited Participant	ESS Management Council S&T Forum, Camsell Hall, Ottawa, ON Canada, 10 – 11 April 2014
Invited Speaker	Geography: Challenges of the XXI Century. Ministry of Education and Science of Ukraine, Taurida National V.I. Vernadsky University, Geography Department. Vernadsky, Ukraine, 8 – 12 April 2014 ( <i>Declined</i> )
Evaluator	New book proposal (Multi-dimensional Geological Modelling) submitted to John Wiley & Sons Ltd. Publishing 3 November 2014
Evaluator	NSERC Visiting Fellowship Application to GSC (ID-458271) 8 April 2014
Evaluator	NSERC Visiting Fellowship Application to GSC (ID-454993) 19 February 2014
Evaluator	World Centre of Excellence applications, International Program on Landslides, March 2014
EA Expert Witness	Environmental Assessment - Site C Dam (Proponent BC Hydro) Public Hearings, Ft St John, BC, Canada, 13 January 2014
EA Expert	Environmental Assessment – PNGLNG – Pacific Northwest Liquid Natural Gas Proposal, March 2014

EA Expert	Environmental Assessment – Trans Mountain Expansion Project Proposal, May 2014
MS Reviewer	Quaternary International (Article #QUATINT-D-14-00916) 3 December 2014
MS Reviewer	Quaternary International (Article #QUATINT-D-14-00634) 27 July 2014
MS Reviewer	Geomorphology (Article #GEOMOR-4901) 9 June 2014
MS Reviewer	Natural Hazards and Earth System Sciences (Article #nhess-2014-98) 20 May 2014
MS Reviewer	Journal of Geochemical Exploration (Article GEXPLO3545) 3 March 2014
MS Reviewer	Landslides (Article LASL-832) 19 February 2014 ( <i>Declined</i> )
MS Reviewer	IAEG XIV – a total of 17 papers reviewed for the Proceedings Volumes of the upcoming conference, 1 – 13 January 2014
MS Reviewer	World Landslide Forum 3 – a total of 14 papers reviewed for the Proceedings Volumes of the upcoming conference, 1 - 9 January 2014
Media Call	CBC News Radio (Jonna Brewer). Sinkholes in New Brunswick. 25 April 2014
Invited Referee	New position for Dr. Laurance Donnelly (Wardell Armstrong International) from Worley Parsons Europe Ltd. 8 August 2014 ( <i>Successful</i> )
Invited Referee	New position for Prof. Claudio Margottini (Geological Survey of Italy) Lausanne University, Switzerland, July 2014 ( <i>Successful</i> )
Invited Referee	New position for Dr. Gloria Lopez (Geological Survey of Israel) from the CENIEH, Spain 17 June 2014 ( <i>Successful</i> )
Invited Referee	Nomination for Dr. Nat Rutter (University of Alberta) for the INQUA Distinguished Services Medal April 2014 ( <i>Successful</i> )
Invited Referee	New position for Dr. Gloria Lopez (Geological Survey of Israel) from the Marine and Coastal Ecosystem Initiative, Florida State University 9 January 2014 ( <i>Unsuccessful</i> )
<b>2013</b>	
Invited Participant	ICL Annual Board Meeting, IPL Planning Meeting and pre-WLF3 strategy meeting. Kyoto, Japan, 18-22 November 2013
Invited Speaker	2 <sup>nd</sup> G-EVER International Symposium and the 1 <sup>st</sup> IUGS and SCJ International Workshop on Natural Hazards. "Hazard and Risk Management in Asia-Pacific Region: Earthquake, Tsunami, Volcanic Eruption and Landslide in Subduction Zones. Sendai, Japan, 19 - 20 October 2013
Invited Speaker	Session on Geoscience Professionalism: Issues, Responsibilities, and Information, Annual Meeting of GACMAC, Winnipeg, Manitoba, 24 May 2014



Keynote Speaker    Presidential Address for the Geological Association of Canada,  
Winnipeg, Manitoba, 22 May 2013

Invited Subject Matter Expert  
Geoscientists Canada – Professional Geoscientists Admissions Support  
Tools Project funded by Human Resources and Skills Development  
Canada, Government of Canada, Calgary/Toronto/Vancouver

Invited Workshop Lecturer  
CIRiDe - International Congress on Disaster Risk and Sustainable  
Development; “Recent Advances in Landslide Monitoring”, Catamarca,  
Argentina, 22 - 24 April, 2013

Invited Workshop Lecturer  
CIRiDe - International Congress on Disaster Risk and Sustainable  
Development; “Technical Landslide Guidelines for Professionals”,  
Catamarca, Argentina, 22 - 24 April 2013

Invited Committee Member  
NRCan, Geological Survey of Canada Strategic Planning Committee;  
Tiger Team Scientific Staff Representative (January – July 2013)

Invited Committee Member  
Ad hoc Review Committee to evaluate the UNESCO International  
Geoscience Programme and the Geological Applications for Remote  
Sensing Program, UNESCO Headquarters, Paris, France, 3 - 4 January  
2013

MS Reviewer        Quaternary International (Article #QUATINT-D-13-00519R1) 18  
December 2013

MS Reviewer        QScience Connect (Article #CONNECT-D-13-00084) 26 September 2013

MS Reviewer        Landslides (Article #LASL-739) 18 September 2013

MS Reviewer        First International Conference on African and Arabic Geoparks, Springer  
(Article #AGN-18/13) 27 May 2013

MS Reviewer        Landslides (Article #LASL-688) 12 June (*Declined*)

MS Reviewer        Landslides (Article #LASL-507R2) 2 May 2013 (*Declined*)

MS Reviewer        Remote Sensing (Article #33394) 12 April 2013 (*Declined*)

MS Reviewer        Geomorphology (Article #GEOMOR-3921) 25 March 2013

MS Reviewer        Natural Hazards (Article #NHAZ-D-13-00101) 27 February 2013  
(*Declined*)

MS Reviewer        Quaternary International (Article #QUATINT-D-13-00025) 23 February  
2013

MS Reviewer        Landslides (Article #LASL-647) 4 February 2013

Media Call Ottawa Citizen Newspaper (Elizabeth Payne). Impact of extreme weather events on Leda Clay. 27 June 2013

Media Call Global News TV (Erica Tucker). Sinkhole event in Florida and sinkhole hazards in Canada. 1 March 2013

Media Call The Economist (Tim Cross). Russian meteorite, event 2012 DA 14 and the concept of risk analysis. 16 February 2013

Evaluator NSERC Visiting Fellowship Application to GSC (ID-439190) 28 March 2013

Invited Referee New position for Mr. Pankaj Kumar (Geological Survey of India) from the SAARC Disaster Management Centre, New Delhi, 12 June 2013 (*Unsuccessful*)

Invited Referee Letter of support for Dr. Ray Lett (consultant) for the Geology Medal of the Committee of Provincial and Territorial Geologists (CPTG), 6 June 2013 (*Successful*)

## 2012

Speaker Geological Society of America Annual Meeting, Charlotte, NC, USA, 4-7 November 2012

Invited Speaker "Raging Planet – Natural Hazards: How Bad Can It Get?" NRCan National Science and Technology Week kickoff presentation, Sam Gamble Hall, 12 October 2012

Invited Technical Advisor  
Protection and mitigation against hazards of the Byzantine Cultural Heritage site, Vardzia, Georgia. Sponsored by UNESCO and the National Agency for Cultural Heritage Preservation of Georgia, 16 - 19 October 2012 (*Declined*)

Keynote Speaker Theme 1. Geoscience for Society. Symposia 1.6 "Facilitating integration between fundamental and applied geosciences", 34<sup>th</sup> International Geological Congress, Brisbane, Australia, 5 - 10 August 2012

Co-Chair/Co-Organizer  
Theme 30. Geohazards. Symposia 30.1 "Subaerial and submarine landslide hazards", 34<sup>th</sup> International Geological Congress, Brisbane, Australia, 5 - 10 August 2012

Invited Technical Advisor  
Siq Stability Project, Petra, Jordan. UNESCO sponsored slope monitoring and assessment mitigation study. 16 – 19 July, 2012

Invited Session Chair  
Technical Session "Landslides and Society: European and Asian Experiences", 11<sup>th</sup> International and 2<sup>nd</sup> North American Symposium on Landslides, Banff, Alberta, Canada, 3 – 8 June 2012

Invited Participant ESS Management Council S&T Forum, Ottawa Conference Centre, Ottawa, ON Canada, 28 - 29 March 2012

Co-Chair	Technical Session "Geoscience in an Interdisciplinary World". 4 <sup>th</sup> International Professional Geology Conference, Vancouver, BC, Canada, 22 – 24 January 2012
Invited Participant	International Program on Landslides, UNESCO-International Consortium on Landslides 10 <sup>th</sup> Anniversary meeting, Kyoto, Japan, 17 - 20 January 2012
MS Editor	Landslides (Article #LASL-450) 23 January 2012
MS Reviewer	Quaternary International (Article #QUATINT-D-12-00264) 2 November 2012 ( <i>Declined</i> )
MS Reviewer	Natural Hazards (Article #NHAZ-D-12-00387) 17 September 2012
MS Reviewer	Natural Hazards (Article #NHAZ-D-12-00359) 4 September 2012
MS Reviewer	Quaternary International (Article #QUATINT-D-12-00253R1) 3 September 2012
MS Reviewer	Natural Hazards (Article #NHAZ-D-12-00201) 10 July 2012 ( <i>Declined</i> )
MS Reviewer	Journal of Mountain Science (Article #12-2368.R1) 29 June 2012 ( <i>Declined</i> )
MS Reviewer	Natural Hazards and Earth System Sciences (Article #nhess-2012-243) 19 June 2012 ( <i>Declined</i> )
MS Reviewer	Journal of Archaeological Method and Theory (Article JARM #179) 30 March 2012
MS Reviewer	Atlantic Geology (Article Spooner et al) 2 March 2012
MS Reviewer	Natural Hazards and Earth System Sciences (Article #nhess-2012-64) 26 February 2012
MS Reviewer	International Symposium on Landslides (Article #196) 3 January 2012
ESS-EA	Environmental Assessment for ESS on BC Hydro Site C dam proposal March 2012
Evaluator	NSERC Visiting Fellowship Application to GSC (ID-419814) 1 October 2012
Evaluator	NSERC Visiting Fellowship Application to GSC (ID-406258) 24 January 2012
Invited Referee	New position for Dr. Gloria Lopez (Geological Survey of Israel) from the Scripps Institution of Oceanography, University of California, San Diego 20 April 2012
Invited Referee	New position for Mr. Paul Wilson from Environment Canada, Meteorological Service, Spruce Grove, Alta 30 August 2012 ( <i>Successful</i> )

- Invited Referee New position for Mr. Paul Wilson from the BC Ministry of Environment, Water Stewardship, Prince George, BC 25 July 2012 (*Unsuccessful*)
- Invited Referee New position for Dr. Gloria Lopez (Geological Survey of Israel) from the School of Geography, Archaeology and Paleoecology, Queen's University Belfast 20 April 2012 (*Unsuccessful*)
- Invited Referee New position for Dr. Gloria Lopez (Geological Survey of Israel) from the Department of Geosciences, Universidad de los Andes, Colombia 6 February 2012 (*Unsuccessful*)

## 2011

- Vice Chairman (Organizing Committee)  
The First Conference of Danxia Geomorphology Working Group of IAG and the Second International Symposium on Danxia Landform. Danxiashan, Guangdon, China, 28 -3 1 October 2011
- 2<sup>nd</sup> World Landslide Forum  
Conference Deputy Chairman  
WLFII. 2<sup>nd</sup> World Landslide Forum sponsored by the International Consortium on Landslides, Rome, Italy, October 2011
- Smithsonian Institution  
Theme Lecturer Sponsored lectures on: Climate Change; Geology and Culture; Volcanic Eruptions (multiple venues) 21 August – 3 September 2011
- Invited Plenary Lecturer  
Natural Hazards induced by climate change. ProTEC conference, Lingotto Fiere, Torino, Italy, June 30 – 2 July 2011
- Invited Participant Second International Forum on Geoparks, International Geographical Union, Taining, Fujian, China, 27 – 29 May 2011 (*Declined*)
- Local Organizing Committee  
Assistant Ottawa 2011. GAC-MAC-SEG-SGA Annual Meeting. Ottawa, Ontario, Canada 25-27 May 2011
- Invited Participant EuroGeoSurvey's Directors Workshop: 'The voice of European geosciences', Royal Belgian Institute of Natural Sciences, Brussels, Belgium 29 March 2011
- Client Response Information Management, Service Canada request on landslides 7 November 2011-11-09
- MS Reviewer Annals of Geophysics (Article #5534-8941-1-RV) 12 December 2011 (*Declined*)
- MS Reviewer Quaternary International (Article #QUATINT-D-11-00414) 4 September 2011
- MS Reviewer Geology (Article #G32464) 5 July 2011 (*Declined*)
- MS Reviewer Global Journal of Education Research (Article on Nigeria education) 28 April 2011 (*Declined*)

MS Reviewer	Natural Hazards and Earth System Sciences (Article #nhess-2011-124) 21 April 2011 ( <i>Declined</i> )
MS Reviewer	Landslides (Article #LASL-252) 11 April 2011
MS Reviewer	Environmental Management (Article #11-097) 3 March 2011
Media Call	Discovery Channel (Clare DeWitt). Cascadia mega-thrust earthquake – paleoseismic evidence. 17 June 2011
Media Call	National Geographic (Olive King). History of geological change in Europe. 22 June 2011
Evaluator	NSERC Visiting Fellowship Application to GSC (ID-372823) 26 October 2011
Invited Referee	New position for Dr. Gloria Lopez (Geological Survey of Israel) from the Department of Geosciences, The University of Rhode Island 17 November 2011 ( <i>Unsuccessful</i> )
Invited Referee	New position for Dr. Gloria Lopez (Dept. Geology, McMaster University) from the Department of Geology, University of Los Andes in Bogota, Colombia 21 January 2011 ( <i>Unsuccessful</i> )
Invited Referee	Nomination of Dr. Paul Hoffman to the Order of Canada 25 July 2011 ( <i>Declined</i> )

## 2010

### Smithsonian Institution

Theme Lecturer	Sponsored lectures on: Climate Change; Geology of Islands; Haiti Earthquake (multiple venues) 26 December 2010 – 2 January 2011
Banquet Speaker	New Brunswick Exploration, Mining and Petroleum 2010 Conference. Lecture: Geology and Our Culture Heritage. Fredericton, New Brunswick 9 November 2010
Invited Participant	Education, Audiovisual and Culture Executive Agency Annual Project Directors' Conference, Tempus and Bilateral Cooperation with Industrialised Countries, Berlin, Germany 13 - 15 October 2010 ( <i>Declined</i> )
Invited Participant	International Conference on Earth Sciences and Development of Civilization in Major River Basins. Assiut University Center, Luxor, Egypt, 11 - 13 October ( <i>Declined</i> )
Scientific Committee Member	Canadian Society for Civil Engineering Annual Conference, 2 <sup>nd</sup> Specialty Conference on Disaster Mitigation, Winnipeg, Manitoba, Canada 9 - 12 June 2010
Invited Opening Ceremony Honorary Guest	Fangshan Geopark. Fangshan, China 15 May 2010

### Smithsonian Institution

Theme Lecturer	Sponsored lectures on: Climate Change; Chicxulub Impact; Haiti Earthquake (multiple venues) 9 - 19 April 2010
Invited Participant	EuroGeoSurvey's Directors Workshop: 'The voice of European geosciences', Royal Belgian Institute of Natural Sciences, Brussels, Belgium 23 March 2010
Invited Grant Reviewer	NSERC Discovery Grant (#9026-11) 2 December 2010
MS Reviewer	Episodes (Article by Liverman/Jaramillo) 20 October 2010
MS Reviewer	Quaternary International (Article #D-100-00150R1) 31 August 2010
MS Reviewer	Engineering Geology (Article #ENGEO390) 31 August 2010
MS Reviewer	GeoHeritage Journal (Article #GEOH-09-00013R1) 13 August 2010
MS Reviewer	Treatise on Geomorphology (Article by Leroy) 13 July 2010-08-13
MS Reviewer	Natural Hazards and Earth Systems Science (Article #nhess-2010-174) 15 June 2010
MS Reviewer	Natural Hazards (Article by Altinok et al.) 25 February 2010
MS Reviewer	Landslides (Article #LASL-150R1) 15 January 2009
MS Reviewer	Landslides (Article #LASL-181) 8 January 2009
Media Call	Montreal Gazette (GSC request). Query on slope stability and shale gas. 12 October 2010 (declined)
Media Call	Vancouver Sun (Jess Adadas). Query on Mt. Meager landslide. 9 August 2010
Media Call	Daily Planet (Beth MacDonnell). Query on St. Jude, Quebec landslide and 4 deaths. 11 May 2010
Invited Referee	New position for Dr. Roy Sidle (Appalachian State University) from the Environmental Protection Agency for Director of Laboratories 25 May 2010 ( <i>Successful</i> )
Invited Referee	New position for Dr. Roy Sidle (Appalachian State University) from the University of Waikato for Dean of Science 21 March 2010 ( <i>Unsuccessful</i> )
Invited Referee	Promotion for Dr. Ted Hartwell (Desert Research Institute) from Association Research Scientist to Senior Research Scientist 16 March 2010 ( <i>Successful</i> )
Invited Referee	New position for Dr. Raul Carreno (Oxfam Haiti) for Haiti Disaster Risk Reduction Coordinator 11 March 2010 ( <i>Successful</i> )

## 2009

Smithsonian Institution

Theme Lecturer	Sponsored lectures on: Climate Change and Our Coastlines; Landforms of the Eastern Seaboard; The Influence of Geology on our Cultural Heritage (multiple venues) 19 - 30 October 2009
Invited Speaker	Committee for Emergency Situations and Civil Defense under the Government of Tajikistan. International Technical Conference "Lake Sarez: current situation, safety concerns and prospects of rational use of its water resources" Nurek, Tajikistan, 2 - 4 September 2009 (limited to 20 individuals invitation only) ( <i>Declined</i> )
Invited Speaker/ Participant	Chinese Academy of Geological Sciences. The 3 <sup>rd</sup> International Symposium on Development within Geoparks: Geo-heritage Protection and Cooperation, Ta'ian City, Shandong Province, China, 22 – 25 August 2009
Invited Participant	Second Session of the Global Platform for Disaster Risk Reduction, Invitation by Margareta Whalstrom, Assistant Secretary General and Special Representative for Disaster Risk Reduction, UNISDR (International Strategy for Disaster Reduction) 16 - 19 June 2009, Geneva, Switzerland ( <i>Declined</i> )
Conference Vice President/ Invited Speaker	First International Conference on Danxia Landforms 2009. Danxia GeoPark, Shaoguan, China, 26 - 28 May 2009
Project Proposal Collaborator	EU-Canada Programme for Cooperation in Higher Education, Training and Youth. Transatlantic Program. Proposal Title: Enhancing International Earth Science Competence in Natural Hazards Studies – geoNatHaz.
Invited Participant	Second Africa Regional Platform for Disaster Risk Reduction Consultative Meeting, Nairobi, Kenya, 5 - 7 May 2009, UN ISDR (United Nations International Strategy for Disaster Reduction) ( <i>Declined</i> )
Invited Speaker	Natural Hazards and Risk Session, Biennial meeting of the Canadian Quaternary Association (CANQUA), Vancouver, British Columbia, Canada, 2 - 8 May 2009
Chair	General Quaternary Session, Biennial meeting of the Canadian Quaternary Association (CANQUA), Vancouver, British Columbia, Canada, 2 - 8 May 2009
Invited Speaker	An Interactive Technical Discussion on Methods of Medium Scale landslide hazard and risk estimation, Eastern Region Office, Geological Survey of India, Salt Lake, Kolkata, India, 27 - 28 January 2009
Invited Grant Reviewer	NSERC Strategic Projects grant (#381250) application 26 June 2009
Invited Grant Reviewer	Fondazione Cassa di Risparmio di Padova e Rovigo, Scientific Project Technical assessment and evaluation, Padova, Italy, February 2009
MS Reviewer	GeoHeritage Journal (Article #GEOH-09-00013) 23 November 2009

MS Reviewer	Vadose Zone Journal (Article #V09-0147) 15 November 2009 ( <i>Declined</i> )
MS Reviewer	Quaternary International (Article #D-09-00247) 18 September 2009
MS Reviewer	Environmental Management (Article #09-0305) 28 August 2009
MS Reviewer	Geophysical Research Letters (Article #2009GL039349) 7 July 2009
MS Reviewer	Landslides (Article #LASL-103) 14 June 2009
MS Reviewer	4 Billion Years and Counting (Chapter 23) 3 June 2009
MS Reviewer	Canadian Journal of Archaeology (Article #2009 GNIPR ms) 20 May 2009
MS Reviewer	Environmental and Engineering Geoscience (Article #1139) 16 April 2009
MS Reviewer	Geomorphology (Article #1380) 10 March 2009
Media Call	EARTH Magazine (Carolyn Gramling) Interview regarding megatsunamis and chevrons, 1 June 2009

## 2008

Invited Participant	United Nations Economic Commission for Europe – Committee on Sustainable Energy – Strategic Alliances for Energy, Geneva, Switzerland, 19 - 21 November 2008 ( <i>Declined</i> )
Co-Chair/ Co-Organizer	Session 12 “Mapping: inventories, susceptibility, hazards and risk”. 1 <sup>st</sup> International World Landslide Forum, Tokyo, Japan, 18 - 21 November 2008
Co-Chair	Plenary Symposium “Global Landslide Risk Reduction”. 1 <sup>st</sup> International World Landslide Forum, Tokyo, Japan, 18 - 21 November 2008
Invited Consultant	Cerro Ricco, Potosi, Bolivia slope instability concerns – Ministers request for satellite mapping. Response to John Lok (Canadian International Development Agency – CIDA)
RES Promotion-Mentor	Request from GSC Director Alan Galley to mentor David Snyder for RES promotion (RES03 to RES04)
Co-Chair/ Co-Organizer	Topical Symposium “Geo-risk in the 21 <sup>st</sup> century”. 33 <sup>rd</sup> International Geological Congress, Oslo, Norway, 4 - 14 August 2008
Co-Chair/ Co-Organizer	Disciplinary Symposium “Earth Heritage: science, education and capacity building”. 33 <sup>rd</sup> International Geological Congress, Oslo, Norway, 4 - 14 August 2008
Co-Chairman/ Speaker	Workshop on Real Time Monitoring (29 June 2008) 10 <sup>th</sup> International Symposium on Landslides, Xi’an, China, June 30 – 4 July 2008



Invited External  
PhD Examiner Department of Earth Sciences, Indian Institute of Technology Roorkee,  
Uttarakhand, India. "Geophysical characterization of some active  
landslides of Garhwal Himalaya, India" candidate Mondal Suman Kumar  
(*Declined*)

Invited Speaker International Conference on Application of Foreign and Russian  
Experience in Underground Construction sponsored by the City of  
Moscow, Moscow, Russia, 20 June 2008 (*Declined*)

Co-Chair/  
Co-Organizer Special Session "Geology and Health", Geological Association of  
Canada-Mineralogical Association of Canada, Annual Meeting, Quebec,  
Quebec, 26 - 28 May 2008

Invited Speaker International Program on Landslides, UNESCO-International Consortium  
on Landslides meeting, Tokyo, Japan, 21 - 25 January 2008

Committee Member Schuster Medal: Association of Environmental and Engineering  
Geologists and Canadian Geotechnical Society for excellence in  
geohazards research in North America

Invited  
Program Reviewer World Climate Research Program (WCRP) review request by ICSU, 21  
April 2008

Invited  
Grant Reviewer NSERC Collaborative R&D Program grant application 25 November 2008

Invited  
Grant Reviewer NSERC Discovery grant (#217282) application 22 October 2008

MS Reviewer Physics and Chemistry of the Earth 10 November 2008

MS Reviewer American Antiquity 25 September 2008

MS Reviewer Landslides (Article #LASL-19R3) 13 August 2008

MS Reviewer Geology (Article #G25246A) 11 July 2008

MS Reviewer International Geology Reviews (Bell et al.) 9 June 2008

Media Call Discover Magazine (Ty Trimble). Interview regarding OneGeology,  
CGMW, etc., 28 August 2008

Media Call Science Magazine (Richard Kerr). Interview regarding the Quaternary  
and stratigraphic classification, 14 January 2008

## 2007

Invited Technical  
Reviewer The History Channel program on Comets and Impacts (*Declined*)

Invited Guest Personal meeting with Premier Wen Jiabao of China. Discussion on the  
role of geosciences in China, 17 June 2007

- Invited Opening Ceremony Speaker Chinese Academy of Sciences, The 2<sup>nd</sup> International Symposium on the Development within GeoParks: Environmental Protection and Education, Lushan, China, 12 - 15 June 2007
- Chair Advisory Committee 1<sup>st</sup> North American Conference on Landslides, Vail, Colorado, USA, 3 - 8 June 2007
- Invited Speaker Insurance Board of Canada – Institute for Catastrophic Loss Reduction, Friday Forum, Lecture topic “Landslides”, Toronto, Canada, 23 March 2007
- Invited Panel Member Discussant 2007 Planetary Defense Conference: Protecting Earth from Asteroids. Sponsored by the Aerospace Corporation, Washington, DC, USA, 5 - 8 March 2007 (*Declined*)
- Invited Participant International Program on Landslides, UNESCO-International Consortium on Landslides meeting, Tokyo, Japan, 23 - 25 January 2007
- Media Call ARD German TV (Annemarie Kammerlander). Interview regarding Canadian mapping in the Arctic, 20 August 2007
- Media Call CBOT-TV CBC (Susannah Heath-Eves). Interview regarding sink holes and the possibility of sinkholes in Ottawa, 23 July 2007

## 2006

- Co-Organizer/ Co-Chairman Special Symposium “Resultados de las investigaciones realizadas los ultimos anos en Machu Picchu”. XIIIth Congreso Peruano de Geologia, Lima, Peru, 17 - 30 October 2006
- Invited Round Table Discussant Special Conference – International Year of Planet Earth; University of Florence, Florence, Italy, 30 October 2006 (*Declined*)
- Invited Opening Ceremony Speaker 2<sup>nd</sup> International Conference on GeoParks, Belfast, Northern Ireland, 17 - 21 September 2006
- Invited Keynote Speaker and Advisory Committee Member International Volcano Gathering, Yogyakarta, Indonesia, 4 - 10 September 2006 (*Declined*)
- Keynote Speaker Natural Hazards in Africa: Perspectives from a Global Context; 21<sup>st</sup> Colloquium on African Geology (Geoscience for Poverty Relief), Maputo, Mozambique, 3 - 5 July 2006
- Invited Speaker 1<sup>st</sup> International Symposium on Development within GeoParks: Science and Management, Jiaozuo, China, 14 - 25 May 2006 (*Declined*)
- Invited Opening Ceremony

Lecturer Africa and the International Union of Geological Sciences; 3<sup>rd</sup> Conference of the Association of African Women Geoscientists, El Jadida, Morocco. 4 - 13 May 2006

Scientific Committee  
Member 3<sup>rd</sup> International Conference on Metals in the Environment; Vilnius, Lithuania, 26 - 29 April 2006

Smithsonian Institution  
Theme Lecturer Sponsored lectures on: Glaciers and Sea Level Changes; Great Earthquakes and Killer Waves of the Pacific; The Influence of Geology on our Cultural Heritage, (multiple venues) March 30 – 13 April 2006

External Platform Peer  
Reviewer University of Vienna, Research Platform on Geo-Risks Research 2006-2009 external reviewer/evaluator; Government of Austria Quality Assurance office

Scientific Committee  
Member Canadian Society for Civil Engineering Annual Conference, 1<sup>st</sup> Specialty Conference on Disaster Mitigation, Calgary, Alberta, Canada 23 - 26 May 2006

Invited Keynote  
Speaker Exchanging Ideas and Knowledge on the Geology of the Middle East, 6<sup>th</sup> International Conference on the Geology of the Middle East, Al-Ain, United Arab Emirates, 20 - 23 March 2006 (*Declined*)

MS Reviewer Quaternary International (Article #D-06-00060R1) 28 October 2006

MS Reviewer Quaternary International (Article #D-06-00048) 3 May 2006

Media Call New York Times Online (Sandra Blakeslee). Interview on asteroid impact and megatsunami near Madagascar, 14 November 2006

Media Call ABC News (Justin Weinstein). Interview on natural hazards, global catastrophes, social impacts, 21 March 2006

Media Call North Shore News (Jane Sayed). Interview on landslide studies in Canada by the Government of Canada, 1 March 2006

Media Call Vancouver Sun (Jonathan Fowlie). Interview on excessive rainfall and evacuation of residents in Vancouver area, 13 January 2006

Media Call CJOH-TV (Paul Brent). Interview on excessive rainfall and evacuation of residents in Vancouver area, 13 January 2006

## 2005

Invited Speaker Multi-Hazards: challenges for risk assessment, mapping and management. 1<sup>st</sup> ARMONIA Conference, Barcelona, Spain 5 - 6 December 2005

Scientific Committee  
Member 14<sup>th</sup> Annual Meeting of the Association of European Geological Societies (MAEGS), Turin, Italy 19 - 23 September 2005

Invited Keynote  
Lecturer           Landslides 14<sup>th</sup> Annual Meeting of the Association of European  
Geological Societies (MAEGS), Turin, Italy 19 - 23 September 2005

Honorary  
Committee Member IV<sup>th</sup> International Symposium ProGEO on the Conservation of the  
Geological Heritage, Braga, Portugal 13 - 16 September 2006

Invited  
Observer           International Council for Science (ICSU) Scoping Task Group on  
Hazards, Paris, France 21 - 22 July 2005

Invited Lecturer/  
Co-author           Landslide Hazards and Risks in Canada – a review and classification.  
International Conference on Landslide Risk Management, Vancouver,  
British Columbia, Canada May 31 - 4 June 2005

Canadian Delegate World Conference on Disaster Reduction, Kobe, Japan 18-22 January  
2005

Invited Lecturer    “Best Practices Guidebook for Landslides” GSC-USGS collaboration.  
Disaster Prevention Research Institute, Kyoto University - UNESCO  
International Symposium on Landslide Risk Mitigation and Protection of  
Cultural and Natural Heritage, Kyoto, Japan 15 - 16 January 2005

## 2004

Smithsonian Institution  
Theme Lecturer    Sponsored lectures on: Sea Levels, Tsunamis/Earthquakes, Near Earth  
Objects (multiple venues) 2004 December 27 – 12 January 2005

Co-Organizer/  
Co-Chair           ICSU Sponsored International Symposium and Workshop on Near Earth  
Objects and their Impact on Human Society, Tenerife, Canary Islands  
November 27 – 1 December 2004

Organizer/Chair    International Short Course and Workshop on Geosciences and Health,  
Ottawa, Ontario, Canada 25 - 26 October 2004

Co-lecturer        Annual Canadian Risk and Hazards Network Symposium, Winnipeg,  
Manitoba, Canada 17 - 19 November 2004

Invited Lecturer  
Co-author           Landslide Hazard and Risk Mapping – a review and classification. 57<sup>th</sup>  
Canadian Geotechnical Conference, Quebec City, Quebec 25 - 27  
October 2004 (Lecture given by co-author D. VanDine)

Invited Plenary  
Lecture            Geosciences and Cultural Heritage. 32<sup>nd</sup> International Geological  
Congress, Florence, Italy 22 - 29 August 2004 (> 500 people)

Invited Lecturer/  
Co-author           “Geoparks as a focus for communicating geoscience issues”. 1<sup>st</sup>  
International Conference on GeoParks. Beijing, China 26 - 29 June 2004

Invited Presentation/

Co-author "Landslide Hazard and Risk Mapping - a Review and Classification".  
*Proceedings of Georisk Engineering: Comparison of Mass Movement Hazards between Europe and Asia*, Asia-Link Project No. 12, Kathmandu, Nepal 23 - 24 April 2004 (Lecture given by co-author A. Bichler)

Co-Organizer/  
Co-Chair Geotechnics and Geology of the Sea to Sky Corridor Workshop, Vancouver, British Columbia, Canada 26 January 2004

Invited Lecturer/  
Invited Discussant Disaster Prevention Research Institute, Kyoto University - UNESCO International Symposium on Landslide Risk Mitigation and Protection of Cultural and Natural Heritage, Kyoto, Japan 21 - 22 January 2004

Invited Participant International Consortium on Landslides, Secretariat Meeting, Kyoto University, Kyoto, Japan 23 - 24 January 2004

### 2003

Organizer/  
Chair "GeoFun" meeting on Geological Heritage Conservation, Geotourism and GeoParks. Utrecht, Netherlands 28 - 29 November 2003

Organizer/  
Chair 2<sup>nd</sup> Annual Meeting, International Consortium on Landslides, Vancouver, British Columbia, Canada. 28 - 31 October 2003

Invited Speaker Austrian Geological Society, Vienna, Austria, 16 October 2003 (Title: Landslides, media and Inca Engineering in Peru) (~30 people)

Invited Member International Advisory Panel for the 6<sup>th</sup> International Symposium on Environmental Geochemistry, Edinburgh, Scotland. 7 - 11 September 2003

Technical Reviewer European Space Agency, Integrated Global Observing Strategy Geohazards Theme Report, August 2003

Technical Reviewer US National Research Council, Report on 'Partnerships for Reducing Landslide Risk: Assessment of the National Landslide Hazards Mitigation Strategy', July 2003

Invited Participant USGS – American Association of State Geologists Workshop on Landslide Loss Cost Estimation, Lincoln, Nebraska, USA 19 - 20 June 2003

Technical Committee  
Member 3<sup>rd</sup> Canadian Conferences on Geohazards and Geotechnique. Edmonton, Alberta, Canada 8 - 10 June 2003

Session Chair 3<sup>rd</sup> Canadian Conferences on Geohazards and Geotechnique. Edmonton, Alberta, Canada 8 - 10 June 2003

Invited Participant ICSU (International Council for Sciences) Workshop on a Program for Asteroid Impacts and Human Society, Paris, France 20 - 21 April 2003

Invited Participant International Consortium on Landslides, UNESCO-Kyoto University  
Landslide Research Centre meeting, Kyoto, Japan 12 - 20 March 2003

Invited Participant International Consortium on Landslides, Board of Representatives  
Secretariat meeting, Rome, Italy 20 - 21 May 2003

## 2002

Invited Lecturer/  
Invited Discussant Disaster Prevention Research Institute, Kyoto University - UNESCO  
meeting on Landslide Risk Mitigation and Protection of Cultural and  
Natural Heritage, Kyoto, Japan 21-25 January 2002

Guest Speaker Department of Earth Sciences, University of Wellington, Public Lecture,  
Wellington, New Zealand 28 February 2002 (Title: Landslides, media and  
Inca Engineering in Peru) (~50 people)

Invited Speaker Provincial Museum of Alberta, Time Travellers Series, Public Lecture,  
Edmonton, Alberta, Canada 2 May 2002 (Title: Landslides, media and  
Inca Engineering in Peru) (> 400 people)

Invited Participant NATO Committee on the Challenges of Modern Society: Natural Hazards  
Workshop, Toronto, Canada 14 - 17 April 2002

Guest Co-Editor Quaternary International, Special Issue on Urban Geology

Invited Participant International Consortium on Landslides, Task Force Meeting, Paris,  
France 30 - 31 October 2002

Invited Participant 1<sup>st</sup> Session of Board of Representatives, International Consortium on  
Landslides, Paris, France 19 - 21 November 2002

Invited Program  
Evaluator U.S. National Academies of Science, Program Evaluation of the USGS  
National Landslide Hazards Mitigation Strategy, Washington, D.C., USA  
20 May 2002

Invited Participant NATO Advanced Research Workshop: Massive Rock Slope Failure: new  
models for hazard assessment, Celano, Italy 16 - 21 June 2002

Invited Lecturer Canada – Taiwan Natural Hazards Mitigation Workshop, Ottawa, Canada  
17 - 19 July 2002 (Lecture Title: Debris Flows in Canada)

Co-Organizer/  
Lecturer Short Course on Geoinformatics. Sponsored by the IUGS and IEE, Cusco,  
Peru September 30 – 4 October 2002

Invited Lecturer Natural Resources Canada – Earth Sciences Sector. Special  
Symposium: Contribution of Geoscience to the Sustainable Development  
of Developing Countries – Emphasis on Groundwater and Hazards.  
Lecture: Landslides in Developing Countries, Ottawa, Ontario, Canada 22  
November 2002

## 2001

Invited Panel Member/  
Participant Workshop on Landslide Hazards and Risk Management in Canada. Hull,  
Quebec, Canada 16 - 18 November 2001

Co-Organizer/ Co-Chairman	The Emerging Discipline of Medical Geology, Pardee Keynote Symposia, Geological Society of America Annual Meeting, Boston, MA, USA, 5-8 November 2001
Banquet Speaker	Canadian Geotechnical Society, Victoria Section, General Meeting, Victoria, B.C., Canada, 19 October 2001 (Title: Landslides, media and Inca Engineering in Peru)
Invited Program Evaluator	Canadian Climate Action Fund; Coastal Zone Research Workshop, Progress of Results; Calgary, Alberta, Canada, 1 October 2001 (on behalf of NRCan, Ottawa)
Invited Speaker	Pacific Geoscience Centre, Sidney, BC, Canada, September 2001; GSC Cordilleran Office, Vancouver, BC, Canada, October 2001; BC Geological Survey office, Victoria, BC, Canada, April 2001 (Title: Landslides, Media and Inca Engineering in Peru)
Invited Keynote Speaker	Aggregate 2001 Environment and Economy, Finnish National Group of IAEG/Aggregate Commission of IAEG, Helsinki, Finland, 6-10 August 2001
Invited Participant	Crowding The Rim: International Geohazard Summit, Stanford University-USGS-American Red Cross sponsors, Stanford University, California, USA 1-3 August 2001
Co-Organizer	Short Course on Geoinicators. Sponsored by the IUGS and IEE, Lusaka, Zambia, 28-29 June 2001
Chair/Organizer	Special Session "Canada's Coastal Hazards", Geological Association of Canada-Mineralogical Association of Canada, Annual Meeting, St. John's, Newfoundland, Canada, 27-29 May 2001
Invited Keynote Speaker	Annual Meeting of the Central European Initiative Earth Science Committee - Section A, (Dr. Janos Halmai, Hungary) Prague, Czech Republic, 11-13 June 2001 ( <i>Declined</i> )
Steering Committee Member	Canadian Climate Impacts and Adaptation Network (C-CIARN) Landscape Node Workshop, Sponsored by Natural Resources Canada. Ottawa, Ontario, Canada, 9 March 2001
Guest Speaker	National Science Day, National Geophysical Research Institute, Hyderabad, India, February 2001
Invited Lecturer/ Invited Discussant	Disaster Prevention Research Institute, Kyoto University - UNESCO meeting on Landslide Risk Mitigation and Protection of Cultural and Natural Heritage, Tokyo, Japan, 15-19 January 2001

**2000**

Honorary Guest	300 <sup>th</sup> Anniversary of the Geological Survey of Russia, St. Petersburg, Russia, 2-6 October 2000 ( <i>Declined</i> )
Invited Lecturer	Korean Institute of Geology, Mining and Materials, Taejon, South Korea, 15-20 October 2000
Guest Co-Editor	<u>Quaternary International</u>
Guest Co-Editor	Geological Society of London - Special Publication
Invited Speaker	Canadian Geotechnical Society - Vancouver Island Geotechnical Group. Technical Luncheon Speaker, April 14, Horizon West Imperial Inn
FieldTrip Co-leader	Geological Association of Canada-Pacific Section Annual Fieldtrip, Victoria to Pt. Alberni, BC, Canada. 8 April 2000
Invited Speaker	Kamloops Exploration Group, Annual Meeting, Kamloops, BC, Canada, 6 April 2000
Co-Organizer	Geoscience and Health Symposium and Workshop, University of Uppsala, Uppsala, Sweden, 4-9 September 2000
Delegate	Canadian National Delegate - Voting Member. 31 <sup>st</sup> International Geological Congress, Rio de Janeiro, Brazil, 6-17 August 2000
Co-convenor	Special Symposium "Environmental Geoscience into the 21 <sup>st</sup> Century", 31 <sup>st</sup> International Geological Congress, Rio de Janeiro, Brazil, 6-19 August 2000
Co-convenor	Special Symposium "Economic, Environmental and Social Impacts of Small Scale Mining", 31 <sup>st</sup> International Geological Congress, Rio de Janeiro, Brazil, 6-17 August 2000
Co-Organizer	Short Course on Geoinicators. Sponsored by the IUGS and IEE, Gdansk, Poland, 26-29 September 2000
Chair	Quaternary Geology Session. Geological Society of America, Cordilleran Section, 96 <sup>th</sup> Annual Meeting, Vancouver, BC, Canada, 27 April 2000
<b>1999</b>	
Invited Speaker	Professional Development Session: On Shaky Ground: Earthquakes, Tsunamis and Seismic Hazards. Annual Conference of the Association of Professional Engineers and Geoscientists of British Columbia, Victoria, BC, Canada, October 21-23 October 1999
Co-Organizer	Short Course on Drift Prospecting in Glaciated Terrain for the 19 <sup>th</sup> International Geochemical Exploration Symposium. Association of Exploration Geochemists, Vancouver, BC, Canada, 10 April 1999
Field Trip Leader	Applied Geochemical Methods in Central BC for the Association of Exploration Geochemists, Vancouver, BC, Canada, 17-19 April 1999
Co-Organizer	Symposium in Honour of Retiring Prof. Nathaniel Westlund Rutter. Canadian Quaternary Association Biennial Meeting - Canadian Geomorphological Research Group Joint Conference, 23-27 August 1999



- Invited Speaker 16<sup>th</sup> Annual Cordilleran Exploration Roundup, Sponsored by the BC and Yukon Chamber of Mines, Vancouver, BC, Canada, 26 January 1999
- Invited Lecturer Universidad Nacional de San Antonio Abad, Cusco, Peru, 27-29 April 1999 (3 lectures on paleoseismology, landslide mapping and environmental geology)
- Co-Organizer Short Course on Geoinformatics. Sponsored by the IUGS and IEE, Vilnius, Lithuania, 12-15 October 1999
- Delegate CNC-INQUA (Canadian National Committee, International Union for Quaternary Research), Durban, South Africa, 6-14 August 1999 (Non-Voting Delegate to the Meeting)
- Invited Lecture/  
Participant IGCP #425 'Landslide Hazard Assessment and Cultural Heritage', Paris, France, 20-23 September 1999
- 1998**
- Invited Lecturer Kamloops Exploration Group, Cariboo University College, Kamloops, BC, Canada, 17 April 1998
- Invited Scientist CBC Television "Witness" Documentary on Great Earthquakes
- Field Trip Leader Vancouver-Alaska, Post Conference Field Trip for the 8<sup>th</sup> IAEG Congress, Vancouver, BC, Canada, September 1998
- Invited Lecturer Malaysian Geological Survey, Kuala Lumpur, Malaysia, 10 July 1998
- Invited Speaker IGCP #425 Workshop on Landslides and Cultural Heritage Sites, Tokyo, Japan, November 30 – 2 December 1998
- Invited Lecturer 11<sup>th</sup> Meeting of the ASEAN Experts Group on Remote Sensing, Singapore, 7 July 1998
- Activity Leader Canadian International Development Agency (CIDA): British Columbia-Peru Mine Project (Quaternary Geology and Geochemistry Component)
- Committee Member 8<sup>th</sup> Congress of the International Association of Engineering Geology and the Environment, Vancouver, B.C., Canada, 21-25 September 1998
- Committee Member International Scientific Committee for the 4<sup>th</sup> International Conference on Geology of the Middle East, Beirut, Lebanon, 9-12 November 1998
- 1997**
- Co-Chair/Organizer Special Symposium on Geoenvironmental Mapping: Applying Geoscience to Hazard and Land-Use Issues in the 21<sup>st</sup> Century, Annual Meeting of the Geological Association of Canada, Ottawa, Ontario, Canada, 19-21 May 1997
- Chairman Quaternary Geology Session, Canadian Quaternary Association, Montreal, Quebec, Canada, 23 May 1997
- Invited Lecturer Kamloops Exploration Group, Stockmans Inn, Kamloops, BC, Canada, 7 April 1997

**1996**

- Committee Member Digital Terrain Mapping Data Standards Committee - Resource Inventory Committee (RIC) for B.C. Provincial Government
- Invited Speaker Pacific Geoscience Centre, March (Title: Serengeti North Quaternary History)
- Invited Scientist Discovery Channel film documentary, Paleotsunamis of B.C.

**1995**

- Co-Organizer/Chair Special Session on Neotectonics of Northwestern North America, Annual Meeting of the Geological Association of Canada, Victoria, B.C.
- Organizer Forum and Workshop - Planning for Aggregate: sand and gravel in B.C.; Richmond, B.C. (101 participants)
- Invited Lecturer USGS Conference on Tsunami Deposits, University of Washington, Seattle, Washington, USA, 22-23 May 1995
- Invited Speaker University of Victoria, School of Earth and Ocean Sciences Seminar Series, Victoria, BC, Canada, 28 November 1995 (Title: Prehistoric Earthquakes and Tsunamis in B.C.)
- Field Trip Leader Victoria area, Geological Association of Canada annual meeting, May 1995

**1994**

- Co-Organizer Drift Exploration Short Course - BCGS and B.C.-Yukon Chamber of Mines, Roundup 94, Vancouver, B.C., Canada, January 1994 (85 participants)
- Invited Speaker Department of Geography, University of Victoria, Victoria, BC, Canada, 25 November 1994 (Title: Ice Free Corridors)
- Invited Participant GSC Hydrogeology Workshop, 16 March 1994. Invited by B. Ricketts 27 January 1994
- Intra-governmental Request Request for advice. Ministry of Small Business, Tourism and Culture. Savona, BC area archaeological geology consultation. Invited by D. Glaum 13 June 1994
- Guest Editor Quaternary International

**1993**

- General Chairman  
Co-Organizer Biennial Meeting of the Canadian Quaternary Association, Meeting on Applied Quaternary Research, Royal BC Museum, Victoria, B.C., Canada, (135 participants)
- Invited Lecturer Department of Anthropology, University of Victoria, Victoria, B.C., Canada, 17 March 1993 (Title: Gastropods in Archaeology)

- Invited Speaker GAC Pacific Section, Luncheon Seminar Meeting, Victoria, B.C., Canada, 29 March 1993 (Title: Late Quaternary Sedimentology and Stratigraphy of the Northern Rocky Mountain Trench)
- Invited Speaker Earthquake Preparedness Week - Ministry of Economic Development, various venues, Victoria, BC, Canada, 20-21 May 1993
- Invited Speaker Presentation on Seismic Hazards - Ministry of Finance and Corporate Relations, Victoria, BC, Canada, 4 March 1993
- Invited Lecturer USGS Conference on Large Earthquakes and Active Faults in the Puget Sound Region, University of Washington, Seattle, USA, 13-14 May 1993  
Invited by S. Porter 16 March 1993
- Banquet Speaker Canadian Geotechnical Society, Victoria Section, Annual General Meeting, Victoria, B.C., Canada, 21 May 1993 (Title: Geologic Evidence for Prehistoric Earthquakes in Southwest B.C.)
- Invited Participant Paleoclimatic-Model Intercomparison Project (PNIP) 6ka Workshop, Vancouver, BC, Canada. Invited by L. Jackson 3 February 1993
- Field Trip Leader Victoria area, CANQUA '93 biennial meeting
- Invited  
Grant Reviewer BC Geoscience Grant Program (1 proposal) 19 January 1993
- Invited Grant  
Reviewer Science Council of British Columbia (#63 T-4) 21 April 1993
- MS Reviewer CJES (File. 042/93)
- 1992**
- Invited Participant Resources Inventory Committee on Soils, Geology and Archaeology Task Force.
- Invited  
Grant Reviewer NSERC Research Grants (2 proposals) 4 December 1992
- MS Reviewer Canadian Journal of Earth Sciences (File 131/22.04.92) 23 April 1992
- MS Reviewer Canadian Journal of Earth Sciences (File 066/27.02.92) 17 March 1992
- 1991**
- General Chairman  
Co-Organizer B.C. Geological Hazards Workshop '91, University of Victoria, Victoria, B.C. (145 participants)
- Invited Speaker U.S. Geological Survey, University of Washington, Seattle, WA, USA 16-18 May 1991. Conference on Prehistoric Seismicity in the Puget Sound region. Invite by B. Atwater.
- Invited Speaker CIM Annual General Meeting, Session on Porphyry Copper-Gold Deposits in Alkaline Plutonic Environments, 29 April 1991. Invited by A. Panteleyav. (Paper #62 Title: Exploring for Cu-Au Porphyry Deposits in the Quesnel Trough: Unravelling the Quaternary Blanket)

- Invited Lecturer BC Geological Survey Quick & Dirty Talks, Victoria, B.C., Canada, 8 March 1991 (Title: Quaternary Sedimentology and Stratigraphy of the Northern Rocky Mountain Trench)
- Invited Lecturer Institute for Quaternary Research, Simon Fraser University, Burnaby, B.C., Canada, 21 January 1991 (Title: Quaternary Geology of the Northern Rocky Mountain Trench: Implications for the Ice Free Corridor)
- Invited Speaker Geological Society of America, Archaeological Geology Division, Annual Meeting, San Diego, CA, USA 21-24 October 1991. Session on Archaeological Geology of the Archaic Period (8-3 ka) in North America. Invite by E. A. Bettis. (*Declined*)

## 1990

- Co-Organizer  
Co-Chairman Public Symposium on Environment and Earth Sciences on behalf of GAC Pacific Section, Victoria, B.C.
- Invited Lecturer BC Geological Survey Quick & Dirty Talks, Victoria, B.C., Canada, 5 January 1990 (Title: Holocene Crustal Deformation in SW B.C.)

## 1989

- Luncheon Speaker Geological Association of Canada – Pacific Section, Victoria, British Columbia, Canada, 29 March 1989 (Title: Late Quaternary Sedimentology and Stratigraphy of the Northern Rocky Mountain Trench, B.C.)
- Invited Speaker University of Victoria, Department of Anthropology, Victoria, British Columbia, Canada, 17 March 1989 (Title: Gastropods in Archaeology)

## JOURNAL REVIEWER

American Antiquity, Atlantic Geology, Boreas, Canadian Geotechnical Journal, Canadian Journal of Archaeology, Canadian Journal of Earth Sciences, Engineering Geology, Environmental and Engineering Geoscience, Environmental Management, Episodes, Geographie physique et Quaternaire, Geoheritage Journal, Geoinformatica, Geological Society of America Bulletin, Geology, Geomorphology, Geophysical Research Letters, Geoscience Canada, Global Journal of Education Research, International Geology Reviews, Journal of Archaeological Method and Theory, Journal of Archaeological Science, Journal of Geology, Journal of Geophysical Research, Landslides, Natural Hazards, Natural Hazards and Earth Systems Science, Physics and Chemistry of the Earth, Quaternary Research, Quaternary International, Quaternary Science Reviews, Treatise on Geomorphology, Vadose Zone Journal, Water

## COURSES TAUGHT

### *University of Alberta - Professor*

Faculty of Extension Glaciation and Climatic Change (1984)  
Geology 580 Geostatistics (1987)

### *University of Alberta – Teaching Assistant*

Geology 580 Geostatistics (1984-1986)  
Geology 380 Geomorphology (1985)  
Geology 310 Paleontology (1984)

### *Simon Fraser University - Professor*

Arch Quantitative Archaeology (1981)

*Simon Fraser University – Teaching Assistant*  
Arch 501                      Prehistoric Past (1981)

*University of Victoria - Professor*

Geology 450                  Quaternary Geology  
Geology 490                  Advanced Sedimentology Directed Reading  
Geology 490                  Slope Stability Studies Directed Reading  
Geology 490                  Environmental Geology Directed Reading  
Geology 490                  Urban Geology Directed Reading  
Geology 490                  Air photograph Interpretation

**GRADUATE STUDENTS**

***Thesis Committee Member***

Tony Hewitt (M.Sc. - University of Victoria, School of Earth and Ocean Sciences) 1996  
Rick Guthrie (M.Sc. - University of Victoria, School of Earth and Ocean Sciences) 1997  
Arlene Collins (M.Sc. - University of Victoria, School of Earth and Ocean Sciences) 1997  
Jacqueline McConnell (M.Sc. - University of Victoria, Department of Biology) 1998  
David Lewis (M.Sc. - University of Victoria, Department of Geography) 2001  
Jeff Gutsell (M.Sc. - Simon Fraser University, Department of Earth Sciences) 2002  
Chris Wood (M.Sc. - University of Victoria, Department of Geography) 2002  
Sonya Laroque (Ph.D. - University of Victoria, Department of Geography) 2003  
Greg Hartman (M.Sc. – Simon Fraser University, Department of Earth Sciences) 2005  
Courtney Jermyn (M.Sc. – University of Northern British Columbia, Department of Earth Sciences) 2011  
Marie K. Bartlett (M.Sc. – University of North Carolina, Wilmington, Department of Earth and Ocean Sciences) pending

***Thesis Supervisor (Co-supervisor)***

Gavin Manson (B.Sc. Honours - University of Victoria, School of Earth and Ocean Sciences) 1995  
Anastasia Ledwon (B.Sc. Honours - University of Victoria, School of Earth and Ocean Sciences) 1997  
Antigone Dixon Warren (M.Sc. - Simon Fraser University, Department of Earth Sciences) 1998  
Charlotte Bowman (B.Sc. Honours - University of Victoria, School of Earth and Ocean Sciences) 1999  
Ahren Bichler (B.Sc. Honours - University of Victoria, School of Earth and Ocean Sciences) 2000  
Gloria Inez Lopez (M.Sc. - University of Victoria, School of Earth and Ocean Sciences) 2002  
Charlotte Bowman (M.Sc. - University of Victoria, School of Earth and Ocean Sciences) 2003  
Adrian Hicken (M.Sc. - University of Victoria, School of Earth and Ocean Sciences) 2003  
Ahren Bichler (M.Sc. - University of Victoria, School of Earth and Ocean Sciences) 2003

***External Thesis Examiner***

Caleen Kilby (M.Sc. - University of Victoria, Department of Geography) 1991  
Kevin Woolf (M.Sc. - Simon Fraser University, Department of Geography) 1993  
Gillian Bray (M.Sc. - University of Victoria, Department of Geography) 1995  
Anne Sommerville (M.Sc. - Memorial University, Department of Geography) 1997  
Martin Batterson (Ph.D. - Memorial University, Department of Geography) 1998  
Tom Lakeman (M.Sc. – Simon Fraser University, Department of Earth Sciences) 2006

Tai-Hoon Kim (Ph.D. – University of Alberta – Department of Civil and Environmental Engineering) 2011  
Pablo Valenzuela (Ph.D. – Universidad de Oviedo – Departamento de Geología) 2017

**STUDENT MENTORING (GEOLOGICAL SURVEY OF CANADA) (2002 – date)**

Nicole Vinette (2002)  
Jessica Jorna (2002)  
Tidiane Ouattara (2002)  
Milly-Anna Schroer (2003)  
Mark Ednie (2003)  
Karin Marz (2004)  
Nico Reinke (2004)  
Courtney Jermyn (2005)  
Beverly Fairful (2005)  
Jutta Bedehsing (2005)  
Tara Coultish (2005)  
Joel Laurin (2006)  
Courtney Steele (2006)  
Susan Zabenskie (2006)  
Cassandra Lee (2007)  
David Pehleman (2007)  
Rebecca Muller-Siegert (2007)  
Amanda Monforton (2007-2009)  
Jessica Broome (2008-2009)  
Nicholas Proux (2008)  
Paul Wilson (2009)  
Jennifer Throop (2009)  
Kate Nelligan (2009)  
Kate MacDonnell (2009)  
Sarah Davey (2009)  
Ellen Leigh (2010-11)  
Stacie Reid (2011)  
Hendy Setiawan (2012)  
Veronique Gagnon (2013)  
Laura Weise (2014)  
Erin Diabola (2015)

**VISITING SCIENTIST SPONSORSHIP (GEOLOGICAL SURVEY OF CANADA) (2002 – 2018)**

Dr. Pedro Basabe (UN ISDR, Geneva, Switzerland) January-March 2003  
Prof. Maria José Domínguez Cuesta (University of Oviedo, Spain) July-August 2008; and February 2010

**PUBLICATIONS**

1. **Bobrowsky, P.T.** (1980) Method and Theory in Archaeomalacology. *37<sup>th</sup> Southeastern Archaeological Conference, Program with Abstracts*, New Orleans, Louisiana, USA, 36 pages. **DOI:10.13140/2.1.2615.1048**
2. **Bobrowsky, P.T.** (1980) Zooarchaeological Bandwagons: The Red River Cart Approach in Canada. *Canadian Archaeological Association, Abstracts, 13th Annual Meeting*, Saskatoon, Saskatchewan, Canada. p. 7. **DOI:10.13140/2.1.3270.4641**
3. Ball, B.F. and **P.T. Bobrowsky** (1980) Application of Trend Surface Analysis to Archaeological Site Assessment: Advances in Merlin's Projections. *Canadian Archaeological Association, Abstracts, 13th Annual Meeting*, Saskatoon, Saskatchewan, Canada. p. 5-6. **DOI:10.13140/2.1.1632.0645**

4. **Bobrowsky, P.T.** (1980) Canadian Zooarchaeology: Aqui Esta? *Saskatchewan Archaeology Journal* 1(2):96-105.
5. **Bobrowsky, P.T.** (1980) Freshwater Molluscs and the Paleoecology of the Northern Yukon. *American Quaternary Association, Programs and Abstracts of the Sixth Biennial Meeting*, Orono, Maine, USA. p. 31. DOI:10.13140/2.1.4839.2326
6. **Bobrowsky, P.T.** and B.F. Ball (1981) A Postscript on Maximization of Artifact Recovery: Methodological Musings on Multiple Mesh. *Canadian Archaeological Association, Abstracts, 14th Annual Meeting*, Edmonton, Alberta, Canada. p. 5. DOI:10.13140/2.1.4052.8008
7. **Bobrowsky, P.T.** and J. Curtin (1981) Armageddon in zooarchaeology, I: taphonomy. *Canadian Archaeological Association, Abstracts, 14th Annual Meeting*, Edmonton, Alberta, Canada. p. 6. DOI:10.13140/2.1.5101.3764
8. **Bobrowsky, P.T.** (1981) Quantitative Reductionism in Zooarchaeology: A Case Study from Missouri. *Southeastern Archaeological Conference, Program and Abstracts, 38th Annual Meeting*, Asheville, North Carolina, USA.
9. Conaty, G.T. and **P.T. Bobrowsky** (1981) Stratigraphic Disturbance and Artifact Taphonomy: Thoughts on the Tyranny of the Principle of Depositional Superposition. *Canadian Archaeological Association, Abstracts, 14th Annual Meeting*, p. 10-11. DOI:10.13140/2.1.4773.6965
10. **Bobrowsky, P.T.** (1982) Olsen and Olsen's Identity Crisis in Faunal Studies. *American Antiquity* 47(1):180-183. Reprinted in *International Council for Archaeozoology Newsletter*.
11. **Bobrowsky, P.T.** (1982) Book Review 'Wildlife Management Techniques Manual, edited by S.D. Schemnitz, 4th ed., 1980". *Zooarchaeological Research News* 1(1): 6-7.
12. **Bobrowsky, P.T.** (1982) Cultural and Environmental Implications of Subfossil Gastropod Remains from York Factory, Manitoba, Canada: A First Approximation. *Manitoba Archaeological Quarterly* 6(1): 41-47.
13. **Bobrowsky, P.T.** (1982) Aggregation vs. Reductionism in Cultural Resource Evaluation: Arguments in Favour of Site Integrity in Significance Studies. In: *Directions in Archaeology: A Question of Goals*, edited by P.D. Francis and E. Poplin, p. 277-284. University of Calgary, Calgary, Alberta, Canada.
14. **Bobrowsky, P.T.** (1982) The Qualitative and Quantitative Significance of Subfossil Gastropod Remains from Area A of the Black Earth Site. In: *The Carrier Mills Archaeological Project, Human Adaptation in the Saline Valley, Illinois*, edited by R. W. Jefferies and B. M. Butler, p. 1009-1026. Southern Illinois University at Carbondale, C.A.I. Research Paper No. 33.
15. **Bobrowsky, P.T.** (1982) An Examination of Casteel's MNI Behavior Analysis: A Reductionist Approach. *Mid-Continental Journal of Archaeology* 7(2):171-184.
16. **Bobrowsky, P.T.** and B.F. Ball (1982) A Postscript on Archaeological Data Recovery: An Example of Intensive Recovery from the Ross Site (DIPd-3). In: *Archaeology in Alberta, 1981*, compiled by Jack Brink, p. 97-122. Archaeological Survey of Alberta, Occasional Paper No. 19.

17. **Bobrowsky, P.T.** (1983) Estimation of Adequate Sample Size for Biological Remains. *Canadian Archaeological Association, Abstracts, 16th Annual Meeting*, p. 4.
18. **Bobrowsky, P.T.** and B.F. Ball (1984) The Concept of Diversity: A Reductionist Approach. *Canadian Archaeological Association, Programme and Abstracts, 17th Annual Meeting*, p. 8-9.
19. **Bobrowsky, P.T.** (1984) Quaternary paleotemperature estimates using molluscan proxy data. *Geological Society of America, Abstracts with Programs*, 16(6):447.
20. **Bobrowsky, P.T.** (1984) The History and Science of Gastropods in Archaeology. *American Antiquity* 49(1):77-93.
21. **Bobrowsky, P.T.** and T. W. Gatus (1984) Archaeomalacological Significance of the Hall Shelter, Perry County, Kentucky *North American Archaeologist* 5(2):89-110.
22. **Bobrowsky, P.T.** (1984) Quaternary geologic history of the north central Rocky Mountain Trench, British Columbia. In: *Proceedings of the 1st Northern Workshop*, edited by A.S.A. Mohsen and W.C. MacKay, p. 59-60. Boreal Institute for Northern Studies, University of Alberta.
23. **Bobrowsky, P.T.** (1985) The Measurement of "Diversity" and its Relation to Status Recognition in Historic Archaeological Sites. In: *Status, Structure and Stratification*, edited by M. Thompson, M.T. Garcia and F.J. Kense, p. 393-397. University of Calgary, Calgary, Alberta, Canada.
24. Rutter, N.W. and **P.T. Bobrowsky** (1986) Book Review "Global Change, edited by T.F. Malone and J.R. Roederer, 1985". *Episodes* 9(1):49.
25. **Bobrowsky, P.T.** (1987) Post excavation reliability assessment of the faunal materials from the Head-Smashed-In site, southwestern Alberta, Canada. *Canadian Archaeological Association, Programme and Abstracts, 20th Annual Meeting*, p. 41-42.
26. **Bobrowsky, P.T.** (1987) Preliminary paleoenvironmental interpretation of the Tipperary Creek site, Wanuskewin Heritage Park, Saskatchewan based on an analysis of the invertebrate faunal record: Mollusca. *Canadian Archaeological Association, Programme and Abstracts, 20th Annual Meeting*, p. 42-43.
27. **Bobrowsky, P.T.**, Lamothe, M. and W.W. Shilts (1987) Late Quaternary glaciation and deglaciation in the Baie des Chaleurs area, northern New Brunswick. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, 12, p. 26.
28. **Bobrowsky, P.T.**, Levson, V., Liverman, D. and N.W. Rutter (1987) *Quaternary Geology of Northwestern Alberta and Northeastern British Columbia*. Excursion Guide Book A-24, *XIIth International Union for Quaternary Research Congress*, Ottawa, Ontario, Canada, National Research Council of Canada, 62 pages.
29. **Bobrowsky, P.T.** (1987) Quaternary Stratigraphy of the Northern Canadian Cordillera Based on New Evidence from the Finlay River of Northeastern British Columbia. *XIIth INQUA Congress, Program with Abstracts*, Ottawa, Ontario, Canada, p. 132.
30. Ball, B.F. and **P.T. Bobrowsky** (1987) Cost effectiveness and time management evaluation of intensive recovery techniques. *Canadian Journal of Archaeology* 11:75-97.



31. **Bobrowsky, P.T.** (1988) Book Review 'Environments and Extinctions: Man in Late Glacial North America, edited by J. Mead and D. Meltzer, 1985'. *American Antiquity* 53(2): 427-428.
32. **Bobrowsky, P.T.** (1988) Ice Free Conditions in the Northern Canadian Cordillera at 18 ka and Timing of the Late Wisconsinan. *American Quaternary Association, Programs and Abstracts of the Tenth Biennial Meeting*, p. 108.
33. **Bobrowsky, P.T.** (1988) The Completeness of the Holocene Sedimentary Record and Significance of Time Averaging. *Canadian Archaeological Association, Programme and Abstracts, 21st Annual Meeting*, p. 32.
34. **Bobrowsky, P.T.** and B. Ball (1989) The Theory and Mechanics of Ecological Diversity in Archaeology. In: *Quantifying Diversity in Archaeology*, edited by R.D. Leonard and G.T. Jones, Chapter 2, p. 4-10. Cambridge University Press, Cambridge.
35. Pronk, A.G., **Bobrowsky, P.T.** and M.A. Parkhill (1989) An interpretation of Late Quaternary glacial flow indicators in the Baie des Chaleurs region, northern New Brunswick. *Géographie Physique et Quaternaire* 43(2):179-190.
36. **Bobrowsky, P.T.** (1989) Late Cenozoic Geology of the Northern Rocky Mountain Trench, B.C. *Sixth Cordilleran Geology and Exploration Roundup, Program and Abstracts*, Vancouver, BC, Canada, February 7.
37. **Bobrowsky, P.T.** (1989) Intra and Inter-Assemblage Comparisons of Faunal Data Using Graphic and Moment Statistics. *Canadian Archaeological Association, Programme and Abstracts, 22nd Annual Meeting*, p. 20.
38. **Bobrowsky, P.T.** (1989) Quaternary Diamictos in the Inter-Montane Environment of B.C. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, 14, p. 89.
39. **Bobrowsky, P.T.** and N.W. Rutter (1989) Quaternary stratigraphy of the Northern Cordillera in British Columbia. *Canadian Quaternary Association 1989 Biennial Meeting, Program and Abstracts*, p. 27.
40. **Bobrowsky, P.T.** and G.C. Rogers (1989) Prehistoric Earthquakes in Southwestern British Columbia. *The Midden* 21(3): 1-3.
41. **Bobrowsky, P.T.** and J.J. Clague (1990) Holocene sediments from Saanich Inlet, British Columbia, and their neotectonic implications. In: *Current Research*, Part E, Geological Survey of Canada, Paper 90-1E, p. 251-256.
42. Clague, J.J. and **P.T. Bobrowsky** (1990) Holocene sea level change and crustal deformation, southwestern British Columbia. In: *Current Research*, Part E, Geological Survey of Canada, Paper 90-1E, p. 245-250.
43. Levson, V.M., Giles, T.R., **Bobrowsky, P.T.** and P.F. Matysek (1990) Geology of Placer Gold Deposits in the Cariboo Mining District, British Columbia; implications for exploration (93A, B, G, H). In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1989*, Paper 1990-1, p. 519-529.
44. **Bobrowsky, P.T.**, Catto, N.R., Brink, J., Spurling, B.E., Gibson, T.H. and N.W. Rutter (1990) Archaeological Geology of Western and Northwestern Canada. In: *Archaeological Geology of North America*, edited by N.P. Lasca and J.E. Donahue,

- Chapter 5, p. 87-122. Decade of North American Geology, Geological Society of America, Centennial Special Volume 4, Boulder, Colorado.
45. **Bobrowsky, P.T.** and N.W. Rutter (1990) The Cordilleran Ice Sheet: Rocky Mountain Sector. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, 15, p. A12.
  46. **Bobrowsky, P.T.** and J.J. Clague (1990) Possible evidence for Holocene earthquakes in Saanich Inlet. *Seventh Cordilleran Geology and Exploration Roundup, Program and Abstracts*, February 6, p. 44-45. Also in *Canadian Quaternary Association/American Quaternary Association Joint Meeting, Program and Abstracts*, p. 14.
  47. **Bobrowsky, P.T.** and N.W. Rutter (1990) Geologic evidence for an ice-free corridor in northeastern British Columbia, Canada. *Current Research in the Pleistocene* 7:133-135.
  48. **Bobrowsky, P.T.**, Catto, N. and V. Levson (1991) Reconnaissance Quaternary Geological Investigations in Peace River, British Columbia - (93P, 94A). In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1990*, Paper 1991-1, p. 345-358.
  49. **Bobrowsky, P.T.** and J. J. Clague (1991) Neotectonic Investigations on Western Vancouver Island, British Columbia (92 F/4). In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1990*, Paper 1991-1, p. 307-313. (Contribution #2005445)
  50. **Bobrowsky, P.T.** (1991) Book Review 'Principles of Archaeological Stratigraphy, by E. Harris, 1989'. *Canadian Journal of Archaeology* 15:251-252.
  51. Kerr, D.G. and **P.T. Bobrowsky** (1991) Quaternary Geology and Drift Exploration at Mount Milligan and Johnny Mountain, British Columbia. In: *Exploration in British Columbia, 1990*, p. 135-152.
  52. **Bobrowsky, P.T.** and J.J. Clague (1991) Late glacial and post-glacial history of the Tofino area, British Columbia. *Canadian Quaternary Association 1991 Biennial Meeting, Program and Abstracts*, p. 16. (Contribution #2005447) (reprinted in *Atlantic Geology*, 27(3):232) (Contribution #2005446)
  53. **Bobrowsky, P.T.** (1991) Quaternary geology of the northern Rocky Mountains and Foothills of western Canada. *XIIIth INQUA Congress, Program with Abstracts*, Beijing, China, p. 29.
  54. **Bobrowsky, P.T.**, Gravel, J., Matysek, P., Kerr, D. and S. Sibbick (1991) Exploring for Cu-Au Porphyry Deposits in the Quesnel Trough: Unravelling the Quaternary Blanket. CIM Annual Meeting, 29 April 1991. *Canadian Institute of Mining Bulletin*, 84(847): 88.
  55. **Bobrowsky, P.T.** (1991) Earthquakes in British Columbia, BC Information Circular 1991-06. Ministry of Energy, Mines and Petroleum Resources.
  56. **Bobrowsky, P.T.** and N.W. Rutter (1992) The Quaternary geologic history of the Canadian Rocky Mountains. *Géographie Physique et Quaternaire* 46(1):5-50.
  57. **Bobrowsky, P.T.** and J.J. Clague (1992) Neotectonic investigations on Vancouver Island (92B, F). In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1991*, Paper 1992-1, p. 325-329.

58. **Bobrowsky, P.T.** and C.P. Smith (1992) Quaternary studies in the Peace River District, 1990: stratigraphy, mass movements and glaciation limits. In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1991*, Paper 1992-1, p. 363-374.
59. **Bobrowsky, P.T.**, Giles, T. and W. Jackaman (1992) Surficial Geology Map Index of British Columbia. *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 1992-13.
60. **Bobrowsky, P.T.** (editor) (1992) Geologic Hazards in British Columbia, Proceedings, Geological Hazards '91 Workshop. *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 1992-15.
61. **Bobrowsky, P.T.**, Clague, J.J. and T.S. Hamilton (1992)  $^{137}\text{Cs}$  dating of a tsunami deposit at Port Alberni, British Columbia: the first step towards establishing a chronology of Holocene great earthquakes in the North Pacific. *American Quaternary Association, Programs and Abstracts of the Twelfth Biennial Meeting*, p. 34. (Contribution #2005449)
62. Clague, J.J. and **P.T. Bobrowsky** (1992) New Evidence of Major Prehistoric Earthquakes in Southwestern British Columbia. In: *Technical Workshop on Fraser Delta Geo/Environmental Research Priorities*, Sponsored by the Geological Survey of Canada, October 19, 1992, Vancouver, p. 3-4. (Contribution #2005448)
63. **Bobrowsky, P.T.**, Kerr, D.E., Sibbick, S.J. and K. Newman (1993) Drift Exploration Studies, Valley Copper Pit, Highland Valley Copper Mine, British Columbia (92I/6, 7, 10 and 11). In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1992*, Paper 1993-1, p. 427-437. Also Poster Session at *Roundup 93*, Vancouver, B.C.
64. **Bobrowsky, P.T.**, Liverman, D.G.E. and N. Catto (1993) Geological Constraints Regarding the Ice-Free-Corridor in Northeastern British Columbia and Northwestern Alberta. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, 18, p. A-10.
65. **Bobrowsky, P.T.** and V. Levson (1993) Expanding the use of B.C. surficial geology map information through applied derivative maps. *Canadian Quaternary Association 1993 Biennial Meeting, Program and Abstracts*, p. A5.
66. Clague, J.J. and **P.T. Bobrowsky** (1993) Implications of a large thrust earthquake in British Columbia. *Canadian Quaternary Association 1993 Biennial Meeting, Program and Abstracts*, Victoria, British Columbia, Canada, p. A9. (Contribution #2005452)
67. Hyndman, R.D., Dragert, H., Rogers, G.C., Wang, K., Clague, J.J. and **P. Bobrowsky** (1993) Constraints on the potential megathrust rupture surface in the northern Cascadia subduction zone (abstract). *Canadian Geophysical Union*, Banff, Alberta, Poster No. 54. (Contribution #2005451)
68. **Bobrowsky, P.T.**, Clague, J.J. and A. Blais (1993) Late Holocene earthquakes: the geological record from Saanich Inlet, southern Strait of Georgia. *Conference on Large Earthquakes and Active Faults in the Puget Sound Region*, University of Washington, Seattle, May 13-14, 1993, Program and Abstracts. (Contribution #2005455)
69. **Bobrowsky, P.T.** and others (1993) Marine Geological Studies of Coastal Areas, Saanich Inlet, pp. G19-G22 (Contribution #200262); Island View Beach Neotectonics Stop, p. G65-G67 (Contribution #2005380); Beacon Hill Sea Cliffs, p. G76-G80 (Contribution

- #2005453); Esquimalt Lagoon, p. G97-G98 (Contribution #2005454). In: *Applied Quaternary Research, Program with Abstracts and Field Guide*, CANQUA '93.
70. **Bobrowsky, P.T.** (1993) Landslides in British Columbia, BC Information Circular 1993-07. Ministry of Energy, Mines and Petroleum Resources.
  71. **Bobrowsky, P.T.** and D.G.E. Liverman (editors) (1993) Applied Quaternary Research. *Quaternary International*, Volume 20.
  72. Clague, J.J., **Bobrowsky, P.T.** and T.S. Hamilton (1994) A Sand Sheet Deposited by the 1964 Alaska Tsunami at Port Alberni, British Columbia. *Estuarine, Coastal and Shelf Science* 38:413-421. (Contribution #46292)
  73. Clague, J.J. and **P.T. Bobrowsky** (1994) Tsunami deposits beneath tidal marshes on Vancouver Island, British Columbia. *Geological Society of America, Bulletin* 106(10): 1293-1303. (Contribution #23793)
  74. Clague, J.J. and **P.T. Bobrowsky** (1994) Evidence for a large earthquake and tsunami 100-400 years ago on western Vancouver Island, British Columbia. *Quaternary Research* 41(2): 176-184. (Contribution #20093)
  75. **Bobrowsky, P.T.** and D. Meldrum (1994) Preliminary Drift Exploration Studies, Northern Vancouver Island (92L6, 92L/11). In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1993, Paper 1994-1*, p. 87-99. Also Poster Session at *Roundup 94*, Vancouver, B.C. DOI: 10.13140/RG.2.1.1853.5843
  76. **Bobrowsky, P.T.** and D.G. Meldrum (1994) Surficial Geology of the Port McNeill Area (NTS 92L/11). *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 1994-4. Scale 1:50,000.
  77. **Bobrowsky, P.T.** and D.G. Meldrum (1994) Surficial Geology of the Alice Lake Area (NTS 92L/6). *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 1994-5. Scale 1:50,000.
  78. Meldrum, D.G. and **P.T. Bobrowsky** (1994) Drift Exploration Potential of the Port McNeill Area (NTS 92L/11). *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 1994-11. Scale 1:50,000.
  79. Meldrum, D.G. and **P.T. Bobrowsky** (1994) Drift Exploration Potential of the Alice Lake Area (NTS 92L/6). *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 1994-12. Scale 1:50,000.
  80. Panteleyev, A., **Bobrowsky, P.T.**, Nixon, G.T. and S.J. Sibbick (1994) Northern Vancouver Island Integrated Project. In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1993, Paper 1994-1*, p. 59-62.
  81. Hussain, N., Mustard, P.S., Struik, L.C., Luternauer, J.L., Matysek, P., Sibbick, S., **Bobrowsky, P.** and W.P. Noble (1994) Results of a survey of clients for a proposed geoscience atlas of Georgia Basin, British Columbia. In: *Current Research, 1994-E*, Geological Survey of Canada, p. 65-75.
  82. **Bobrowsky, P.T.** and C.E. Kilby (1994) A Model for Urban and Rural Aggregate Land-Use Decisions in North America: British Columbia Aggregate Resource Inventory Strategy. *Geological Society of America, Abstracts with Programs*, 26(7), p. A76.

83. **Bobrowsky, P.T.**, Huntley, D. and D.N. Proudfoot (1994) Drift Exploration Potential Maps (DEP MAP): Derivative Interpretive Maps for Mineral Exploration Generated from Surficial Geology Maps and Data. *Geological Society of America, Abstracts with Programs*, 26(7), p. A500.
84. Sibbick, S.J.N., Lett, R.E.W. and **P.T. Bobrowsky** (1994) Copper and Molybdenum Speciation in Glaciolacustrine Sediments Overlying Mineralization: A Natural Analogue for Long Term Metal Mobility in Mine Tailings. *Geological Society of America, Abstracts with Programs*, 26(7), p. A35.
85. **Bobrowsky, P.T.**, Sibbick, S.J., Newell, J.M. and P.F. Matysek (editors) (1995) Drift Exploration in the Canadian Cordillera. *B.C. Ministry of Energy, Mines and Petroleum Resources*, Paper 1995-2.
86. Proudfoot, D.N., **Bobrowsky, P.T.** and D.G. Meldrum (1995) Drift Exploration Potential Maps Derived from Terrain Geology Maps. In: *Drift Exploration in the Canadian Cordillera*, edited by P.T. Bobrowsky, S.J. Sibbick, J.M. Newell and P.F. Matysek. *B.C. Ministry of Energy, Mines and Petroleum Resources*, Paper 1995-2, p. 23-31.
87. **Bobrowsky, P.T.** (1995) Lithological Analysis in Drift Prospecting Studies. In: *Drift Exploration in the Canadian Cordillera*, edited by P.T. Bobrowsky, S.J. Sibbick, J.M. Newell and P.F. Matysek. *B.C. Ministry of Energy, Mines and Petroleum Resources*, Paper 1995-2, p. 113-120.
88. Huntley, D.H. and **P.T. Bobrowsky** (1995) Surficial Geology and Drift Exploration: Mahatta Creek Map Area (92L/5). In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1994*, Paper 1995-1, p. 35-48. Also Poster Session at Roundup 1996, Vancouver.
89. **Bobrowsky, P.T.**, Best, M., Dunn, C.E., Huntley, D.H., Lowe, C., Roberts, M., Seemann, D.A., and S.J.N. Sibbick (1995) Integrated Drift Exploration Studies on Northern Vancouver Island (92L). In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1994*, Paper 1995-1, p. 23-33. Also Poster Sessions at Roundup 1996, Vancouver and Western Canadian Geographers Association, Victoria, British Columbia, Canada.
90. **Bobrowsky, P.T.**, Kilby, C.E., Manson, G., and P.F. Matysek (1995) British Columbia Aggregate Inventory. In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1994*, Paper 1995-1, p. 361-364.
91. Huntley, D.H. and **P.T. Bobrowsky** (1995) Surficial Geology of the Mahatta Creek Area (NTS 92L/5). *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 1995-11. Scale 1:50,000.
92. Huntley, D.H. and **P.T. Bobrowsky** (1995) Drift Exploration Applicability of the Mahatta Creek Area (NTS 92L/5). *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 1995-18. Scale 1:50,000.
93. 15 authors including **P.T. Bobrowsky** (1995) Summary of Coastal Geologic Evidence for Past Great Earthquakes at the Cascadia Subduction Zone. *Earthquake Spectra* 11(1):1-18. (Contribution #2005458)
94. Manson, G.K. and **P.T. Bobrowsky** (1995) Modeling Aggregate Resource Potential, Vancouver Island, British Columbia. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, p. A-66.

95. Clague, J.J. and **P.T. Bobrowsky** (1995) Paleoseismicity of Western Vancouver Island, British Columbia. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, p. A-18. (Contribution #2005456)
96. Huntley, D.H. and **P.T. Bobrowsky** (1995) Drift Exploration in a Glaciated Coastal Montane Environment, Vancouver Island, B.C. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, p. A-116.
97. Best, M.E., Lowe, C., Seemann, D.A., **Bobrowsky, P.T.** and D.H. Huntley (1995) Geophysical Techniques for Drift Thickness and Bedrock Lithology Mapping: Examples from Northern Vancouver Island. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, p. A-7.
98. **Bobrowsky, P.T.** and J.J. Clague (1995) Quaternary Geology of Southern Vancouver Island. *Guidebook B-5 Geological Association of Canada-Mineralogical Association of Canada*, 59 p. (Contribution #2005457)
99. **Bobrowsky, P.T.** (1995) Terrain Mapping Guidelines and Standards in British Columbia. *Canadian Quaternary Association 1995 Biennial Meeting, Program and Abstracts*, p. CA4.
100. Lowe, C., Best, M.E., Seemann, D.A. and **P.T. Bobrowsky** (1995) Shallow Subsurface Mapping Using an Integrated Geophysical Approach, Northern Vancouver Island, British Columbia. *Geological Survey of Canada, Open File 3195*. doi:10.4095/205746
101. Clague, J.J., **Bobrowsky, P.T.** and R.D. Hyndman (1995) The Threat of a Great Earthquake in Southwestern British Columbia. *The BC Professional Engineer* 46(9): 4-8. (Contribution #25695)
102. 13 authors including **P.T. Bobrowsky** (1995) Radiocarbon evidence for extensive plate-boundary rupture 300 years ago at the Cascadia subduction zone. *Nature* 378: 371-374. (Contribution #10395)
103. **Bobrowsky, P.T.**, Massey, N.W.D. and P.F. Matysek (1996) Aggregate Forum: developing an inventory that works for you! *B.C. Ministry of Energy, Mines and Petroleum Resources, Information Circular No. 1996-6*, 61 pages.
104. **Bobrowsky, P.T.** and S.J.N. Sibbick (1996) Till Geochemistry of the Northern Vancouver Island area (NTS 92L/5, 6, 11 and 12). *B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1996-7*.
105. Matheson, A., Massey, N.W.D., **Bobrowsky, P.T.**, Kilby, C.E. and G.K. Manson (1996) Aggregate Inventory of British Columbia: Private Pits; *B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1996-5*.
106. **Bobrowsky, P.**, Massey, N., Matheson, A. and P. Matysek (1996) British Columbia Aggregate Inventory Project. In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1995*, Paper 1996-1, p. 295-297. Also Poster Session at Roundup 1996, Vancouver, British Columbia, Canada.
107. Panteleyev, A., **Bobrowsky, P.T.**, Nixon, G.T. and S.J. Sibbick (1996) Northern Vancouver Island Integrated Project. In: *B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1995*, Paper 1996-1, p. 57-59.

108. **Bobrowsky, P.T.**, Massey, N.W.D. and A. Matheson (1996) Aggregate Resource Potential of the Prince George Area. *B.C. Ministry of Employment and Investment*, Open File 1996-24. (Five 1:50 000 scale maps).
109. Lowe, C., Best, M.E., Seemann, D.A. and **P.T. Bobrowsky** (1996) Geophysical methods for base metal exploration on northern Vancouver Island. *Society of Exploration Geophysicists, Expanded Abstracts with Author's Biographies*, Volume II, p. 1146-1149. DOI: 10.1190/1
110. Catto, N., Liverman, D.G.E., **Bobrowsky, P.T.** and N. Rutter (1996) Laurentide, Cordilleran and Montane Glaciation in the Peace River Region, Alberta and British Columbia, Canada. *Quaternary International* 32:21-32.
111. Blais, A., Clague, J.J. and **P.T. Bobrowsky** (1996) Paleoseismic evidence in late Holocene sediments, Saanich Inlet, British Columbia. *Abstracts for the Pan Pacific Hazards '96 Conference and Trade Show*, Vancouver, British Columbia, Canada, p. 33-34. (Contribution #2005382)
112. **Bobrowsky, P.T.** and J.J. Clague (1996) Socio-economic effects of a great Cascadia earthquake. *Abstracts for the Pan Pacific Hazards '96 Conference and Trade Show*, Vancouver, British Columbia, Canada, p. 34-35. (Contribution #2005459)
113. Berger, A.R. and **P.T. Bobrowsky** (1996) Geoindicators in the assessment of rapid environmental change. *Geological Society of America, Abstracts with Programs*, 28(7), p. A80.
114. **Bobrowsky, P.T.** (1996). Geosciences for environmental planning and management: the contribution of COGEOENVIRONMENT to global issues. *Geological Society of America, Abstracts with Programs*, 28(7), p. A79.
115. de Mulder, F.J. and **P.T. Bobrowsky** (1996) International Union of Geological Sciences active in environmental planning. *Environmental Geology* 28(2): 113-115.
116. Hyndman, R.D., Rogers, G.C., Dragert, H., Wang, K., Clague, J.J., Adams, J. and **P.T. Bobrowsky** (1996) Giant Earthquakes Beneath Canada's West Coast. *Geoscience Canada* 23(2): 63-72.
117. **Bobrowsky, P.T.** (1996) The Geology of Sand and Gravel Deposits in British Columbia. In: *Aggregate Forum: Developing an Inventory that Works for You! Report of Proceedings*, edited by **Bobrowsky, P.T.**, Massey, N.W.D. and P.F. Matysek; B.C. Ministry of Energy, Mines and Petroleum Resources, Information Circular 1996-6
118. **Bobrowsky, P.T.**, Leboe, E.R., Dixon-Warren, A. and A. Ledwon (1997) Eagle Bay Project: Till Geochemistry of the Adams Plateau (82M/4) and North Barriere Lake (82M/5) map areas. In: *B.C. Ministry of Employment and Investment, Geological Fieldwork, 1996*, Paper 1997-1, p. 413-421.
119. Dixon-Warren, A., **Bobrowsky, P.T.**, Leboe, E.R. and A. Ledwon (1997) Eagle Bay Project: Surficial Geology of the Adams Plateau (82M/4) and North Barriere Lake (82M/5) map areas. In: *B.C. Ministry of Employment and Investment, Geological Fieldwork, 1996*, Paper 1997-1, p. 405-411.
120. Matheson, A., MacDougall, D., **Bobrowsky, P.T.** and N. Massey (1997) Okanagan Aggregate Potential Project. In: *B.C. Ministry of Employment and Investment, Geological Fieldwork, 1996*, Paper 1997-1, p. 347-352.

121. Leboe, E.R., **Bobrowsky, P.T.**, Dixon-Warren, A. and A. Ledwon (1997) Terrain geology map of the North Barriere Lake area, NTS 82 M/5, scale 1:50 000; *B.C. Ministry of Employment and Investment*, Open File 1997-6.
122. Dixon-Warren, A., **Bobrowsky, P.T.**, Leboe, E.R. and A. Ledwon (1997) Terrain geology map of the Adams Plateau area, NTS 82 M/4, scale 1:50 000; *B.C. Ministry of Employment and Investment*, Open File 1997-7.
123. Lowe, C., Best, M.E., **Bobrowsky, P.T.** and D.A. Seemann (1997) Integrated Geophysics for Mineral Exploration in Drift Covered Volcanic Terranes: Examples from Northern Vancouver Island, Canada. *Geophysical Prospecting* 46(3): 201-225. (Contribution #1996159)
124. Blais, A., Clague, J.J., **Bobrowsky, P.T.** and R.T. Patterson (1997) Paleoseismic evidence in late Holocene sediments, Saanich Inlet, B.C. *Canadian Journal of Earth Sciences* 34:1345-1357. (Contribution #1996249)
125. **Bobrowsky, P.T.**, Leboe, E.R., Dixon-Warren, A., Ledwon, A., MacDougall, D. and S.J. Sibbick (1997) Till Geochemistry of the Adams Plateau - North Barriere Lake Area (82M/4 and 5). *BC Ministry of Employment and Investment*, Open File 1997-9.
126. Clague, J.J., **Bobrowsky, P.T.**, Guilbault, J-P. and R.W. Mathewes (1996) Sea Level Change: Late Holocene sea level change, south-coastal British Columbia. In: *Paleoseismology and Seismic Hazards, southwestern British Columbia*, compiled and edited by J.J. Clague, Geological Survey of Canada, Bulletin 494, p. 20-34.
127. Clague, J.J. and **P.T. Bobrowsky** (1996) Tsunami. In: *Paleoseismology and Seismic Hazards, southwestern British Columbia*, compiled and edited by J.J. Clague, Geological Survey of Canada, Bulletin 494, p. 34-43.
128. Clague, J.J. and **P.T. Bobrowsky** (1996) Liquefaction: Saanich Inlet. In: *Paleoseismology and Seismic Hazards, southwestern British Columbia*, compiled and edited by J.J. Clague, Geological Survey of Canada, Bulletin 494, p. 64-67.
129. **Bobrowsky, P.T.** (1997) Conference Review: Pan Pacific '96 Hazards Conference and Trade Show. *Geoscience Canada*, 23, p. 158.
130. **Bobrowsky, P.T.** (1997) Surficial Geology of Northern Vancouver Island area. *BC Ministry of Employment and Investment*, Open File 1997-8. 1:100,000 map.
131. **Bobrowsky, P.T.**, Evans, S.G., Clague, J.J., VanDine, D.F. and J.N. Hutchinson (1997) GIS Landslide Hazard Mapping in South Central British Columbia, Canada. IAEG Congress, Athens, Greece. *Engineering Geology and the Environment (Poster Presentation)*. (Contribution #2005463)
132. **Bobrowsky, P.T.**, Massey, N. and A. Matheson (1997) Geoenvironmental Mapping: A method for aggregate resource evaluation. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, A13-A14.
133. Chung, C.-J., **Bobrowsky, P.**, Guthrie, R. and E. van der Flier-Keller (1997) Quantitative Predictive Models for Landslide Hazard Mapping, Northern Vancouver Island, British Columbia. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, A26-A27. (Contribution #2005462)



134. Nelson, J., Sibbick, S., Hoy, T., **Bobrowsky, P.** and M. Cathro (1997) The Paleozoic Massive Sulphide Project: an investigation of Yukon-Tanana correlatives in British Columbia. In: *B.C. Ministry of Employment and Investment, Geological Fieldwork 1996*, Paper 1997-1, p. 183-186.
135. **Bobrowsky, P.T.** (Editor) (1998) *Aggregate Resources: A Global Perspective*. A.A. Balkema Publishers, Rotterdam, The Netherlands.
136. **Bobrowsky, P.T.** and G. Manson (1998) Modelling Sand and Gravel Deposits. In: *Aggregate Resources: A Global Perspective*, edited by P.T. Bobrowsky, A.A. Balkema Publishers, Rotterdam, The Netherlands, pages 231-254.
137. Hutchinson, I., **Bobrowsky, P.T.**, Clague, J.J. and R. Mathewes (1997) Tsunami Runup and Recurrence as Recorded in Deposits of Nearshore Lakes on the Emerging West Coast of Vancouver Island, British Columbia. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, p. A-71 (Contribution #2005460) and 8th Biennial Meeting of the *Canadian Quaternary Association*, Program with Abstracts, p. 35. (Contribution #2005461)
138. **Bobrowsky, P.T.** (1998) Aggregate Resources in global perspective. In: *Aggregate Resources: A Global Perspective*, edited by P.T. Bobrowsky, A.A. Balkema Publishers, Rotterdam, The Netherlands, pages 1-8.
139. Clague, J.J., **Bobrowsky, P.T.**, Hutchinson, I. and R. W. Mathewes (1998) Geological evidence for past large earthquakes in southwest British Columbia. In: *Current Research*, Part E, Geological Survey of Canada, Paper 90-1E, p. 217-224.
140. Paulen, R.C., **Bobrowsky, P.T.**, Little, E.C., Prebble, A.C. and A. Ledwon (1998) Surficial Deposits in the Louis Creek and Chu Chua Creek area. In: *B.C. Ministry of Employment and Investment, Geological Fieldwork, 1997*, Paper 1998-1, p. 16-1 - 16-12.
141. Paulen, R.C., **Bobrowsky, P.T.**, Little, E.C., Prebble, A.C. and A. Ledwon (1998) Terrain Geology of the Chu Chua Creek area, NTS 92 P/8E, scale 1:50 000; *B.C. Ministry of Employment and Investment*, Open File 1998-3.
142. Paulen, R.C., **Bobrowsky, P.T.**, Little, E.C., Prebble, A.C. and A. Ledwon (1998) Terrain Geology of the Louis Creek area, NTS 92 P/1E, scale 1:50 000; *B.C. Ministry of Employment and Investment*, Open File 1998-2.
143. Lett, R.E., **Bobrowsky, P.**, Cathro, M. and A. Yeow (1998) Geochemical Pathfinders for Massive Sulphide Deposits in the Southern Kootenay Terrane. In: *B.C. Ministry of Employment and Investment, Geological Fieldwork, 1997*, Paper 1998-1, p. 15-1 - 15-9.
144. **Bobrowsky, P.T.**, Paulen, R., Little, E., Prebble, A., Ledwon, A. and R. Lett (1998) Till Geochemistry of the Louis Creek - Chu Chua Creek area (NTS 92P/1E and 92P/8E). *BC Ministry of Energy and Mines*, Open File 1998-6.
145. **Bobrowsky, P.T.**, Chung, J-C., Garson, D. and R. Guthrie (1998) Quantitative Landslide Hazard Mapping on Northern Vancouver Island, BC, Canada. In: *8<sup>th</sup> Congress of the International Association of Engineering Geology and the Environment*, edited by D.P. Moore and O. Hungr, p. 2031-2037. A.A. Balkema, Rotterdam, The Netherlands. (Contribution #2005465)
146. **Bobrowsky, P.T.**, Massey, N.W.D. and A. Matheson (1998) Aggregate Resource Potential Mapping. In: *8<sup>th</sup> Congress of the International Association of Engineering*

*Geology and the Environment*, edited by D.P. Moore and O. Hungr, p. 2817-2813. A.A. Balkema, Rotterdam, The Netherlands.

147. Huntley, D.H., **Bobrowsky, P.T.** and J.J. Clague (1998) Late Wisconsinan Deglaciation of Saanich Inlet, Southeastern Vancouver Island, British Columbia. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, 18, p. A-82.
148. Blais-Stevens, A., Clague, J.J. and **P.T. Bobrowsky** (1998) Holocene Sedimentation in Saanich Inlet, B.C.: Implications for Prehistoric Earthquake Activity. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, 18, p. A-10. (Contribution #2005374)
149. **Bobrowsky, P.T.** (1998) Vancouver to Alaska Coastal Geology. Tour 1, Technical Tour Guide Book, *8<sup>th</sup> International Association of Engineering Geology and the Environment*, September 21-25, 1998, Vancouver, British Columbia, Canada.
150. Huntley, D.H., **Bobrowsky, P.T.**, Clague, J.J. and C. Bowman (1998) Integrated geomorphic and limnologic study: Saanich Inlet watershed, Vancouver Island, British Columbia. *Geological Society of America, Program with Abstracts*, Toronto, Ontario, Canada, p. A136. (Contribution #2005464)
151. Huntley, D., Mosher, D., **Bobrowsky, P.T.**, Clague, J.J. and R. Kung (1998) Deglaciation and sea-level history of the Saanich Inlet area, southeastern Vancouver island, British Columbia. *American Geophysical Union, 1998 Fall Meeting, 6-10 December, San Francisco, California, USA, EOS Transactions*, Volume 79, p. 508.
152. Matheson, A., Paulen, R., **Bobrowsky, P.T.** and N. Massey (1998) Okanagan Aggregate Potential Project. In: *B.C. Ministry of Employment and Investment, Geological Fieldwork 1997*, Paper 1998-2, p. 29a-1.
153. Huntley, D.H., **Bobrowsky, P.T.** and J.J. Clague (1998) Late Wisconsinan deglaciation of Saanich Inlet, southeastern Vancouver Island, British Columbia. *CEOR's Third Annual Research Workshop*; Centre for Earth and Ocean Research, *CEOR Report 1998-1*, p. 8-9.
154. **Bobrowsky, P.T.**, Massey, N.W.D. and A. Matheson (1998) Aggregate Resource Potential of the Okanagan Area, NTS 82E/3,4,5,6,11,12,13,14 and 82L/3,4,5,6,11,12,13,13, scale 1:50,000. BC Ministry of Employment and Investment, Open File 1998-05.
155. Massey, N.W.D., Matheson, A. and **P.T. Bobrowsky** (1998) Aggregate Resource Potential of the Nanaimo Area, NTS 92B/13, 92C/16, 92F/1, 2, 7, 8 and 92G/4, scale 1:50,000. BC Ministry of Employment and Investment, Open File 1998-12.
156. **Bobrowsky, P.T.**, Matheson, A., Paulen, R. and N. Massey (1999) Aggregate Potential Project for the Nanaimo Area, Vancouver Island (NTS 92B, C, F and G). In: *B.C. Ministry of Energy and Mines, Geological Fieldwork, 1998*, Paper 1999-1, p. 279-284.
157. Paulen, R., **Bobrowsky, P.T.**, Lett, R.E., Bichler, A.J. and C. Wingerter (1999) Till Geochemistry in the Kootenay, Slide Mountain and Quesnel Terranes. In: *B.C. Ministry of Energy and Mines, Geological Fieldwork, 1998*, Paper 1999-1, p. 307-319.
158. **Bobrowsky, P.T.**, Lett, R., Paulen, R. and W. Jackaman (1999) Till Geochemistry in the Kootenay Terrane. *16<sup>th</sup> Annual Cordilleran Exploration Roundup*, January 26-29,

sponsored by the BC and Yukon Chamber of Mines, Vancouver, British Columbia, Canada, Abstracts, p. 2-3.

159. Huntley, D.H., Bowman, C. and **P.T. Bobrowsky** (1999) Palaeogeographic reconstruction of southeastern Vancouver Island, British Columbia: implications for palaeoclimate and palaeoecology. Paper presented at the *42<sup>nd</sup> Annual Meeting of the Western Division of the Canadian Association of Geographers*. Okanagan University, Kelowna, British Columbia, Canada, 11-13 March, 1999. p. 9.
160. Lopez, G., **Bobrowsky, P.T.**, Clague, J.J. and I. Hutchinson (1999) Tsunami Deposits in a Freshwater Lake: Kakawis Lake, B.C. *Proceedings of the 1999 Canadian Coastal Conference*, Royal Roads University, Victoria, British Columbia, Canada, Volume 2, p. 943-944. (Contribution #2005466)
161. Bowman, C., **Bobrowsky, P.T.** and D. Huntley (1999) Late Pleistocene to Holocene Evolution of Southern Vancouver Island Based on Freshwater Sediment Records. *Proceedings of the 1999 Canadian Coastal Conference*, Royal Roads University, Victoria, British Columbia, Canada, Volume 1, p. 247-264.
162. Paulen, R., **Bobrowsky, P.T.** and R.E. Lett (1999) Utilizing trace element and whole rock till geochemistry in exploration for polymetallic mineral occurrences in the Southern Interior of British Columbia. *19<sup>th</sup> International Geochemical Exploration Symposium*, April 10-16, Vancouver, British Columbia, Canada, Symposium and Abstracts Volume, p. 95
163. Dixon-Warren, A., **Bobrowsky, P.T.** and R. Lett (1999) Exploration for gold and massive sulphide deposits in south central British Columbia using integrated till sampling and surficial mapping. *19<sup>th</sup> International Geochemical Exploration Symposium*, April 10-16, Vancouver, British Columbia, Canada, Symposium and Abstracts Volume, p. 67.
164. Clague, J.J., **Bobrowsky, P.T.**, Hutchinson, I., Mathewes, R. and J.P. Guilbault (1999) Geologic evidence for great earthquakes and their tsunamis along the west coast of North America. *XV<sup>th</sup> INQUA Congress*. Abstracts, Durban, South Africa, p. 41-42. (Contribution #2005470)
165. **Bobrowsky, P.T.**, Clague, J.J., Hutchinson, I. and G. Lopez (1999) Earthquake-induced land subsidence and sedimentation on the west coast of Canada. *XV<sup>th</sup> INQUA Congress*. Abstracts, Durban, South Africa, p. 25-26. (Contribution #2005474)
166. Clague, J.J. and **P.T. Bobrowsky** (1999) The Geologic Signature of Great Earthquakes off Canada's West Coast. *Geoscience Canada*, 26(1):1-17. (Contribution #2005473)
167. **Bobrowsky, P.T.** (1999) Cordilleran Glaciers and Quaternary Stratigraphy. In: *Drift Exploration in Glaciated Terrain*, Short Course for the 19<sup>th</sup> IGES (International Geochemical Exploration Symposium), Vancouver, British Columbia, Canada, p. 28-66.
168. **Bobrowsky, P.T.** (editor) (1999) Applied Geochemical Methods Field Trip Guidebook, South Central British Columbia. 19<sup>th</sup> IGES Fieldtrip, April 16-19, Vancouver, BC.
169. Huntley, D., Bowman, C. and **P. Bobrowsky** (1999) Lake Coring and Geomorphic Mapping in Southeastern Vancouver Island: Preliminary Interpretation of Late Wisconsinan and Holocene Palaeogeographic, Climatic and Ecologic Records. *CEOR's Fourth Annual Research Workshop*; Centre for Earth and Ocean Research, *CEOR Report 99-1*, pages 7-8.

170. Clague, J.J. and **P.T. Bobrowsky** (1999) The AD 1700 giant earthquake at the Cascadia subduction zone. *Geological Society of America, Cordillera Section Annual Meeting*, Berkeley, California, USA, June 1-3, Abstracts with Program, 31(6): A45. (Contribution #2005474)
171. Hutchinson, I., **Bobrowsky, P.T.** and J.J. Clague (1999) 3000 years of tectonics and tsunamis revealed in the sediments of lakes on the west coast of Vancouver Island, British Columbia. *Geological Society of America, Cordillera Section Annual Meeting*, Berkeley, California, USA, June 1-3, Abstracts with Program, 31(6): A64. (Contribution #2005469)
172. Clague, J.J., **Bobrowsky, P.T.** and I. Hutchinson (1999) A review of geological records of large tsunamis at Vancouver Island, British Columbia and implications for hazard. *Quaternary Science Reviews* 19(9): 849-863. (Contribution #2005472)
173. Hutchinson, I., **Bobrowsky, P.**, Clague, J. and R. Mathewes (1999) Cascadia Paleotsunamis: reconstructing recurrence and runup from lake deposits on Vancouver Island. *Tsunami Society Symposium*, Honolulu, Hawaii, USA, May 25-27 (Contribution #2005468)
174. Huntley, D., Mosher, D., Kung, R., and **P. Bobrowsky** (1999) Vertical dimensions of Late Wisconsinan Glaciation and Relative Sea Level Change: Southeastern Vancouver Island, British Columbia. *Meeting of the Canadian Quaternary Association - Canadian Geomorphological Research Group*, Calgary, Alberta, Canada, Program and Abstracts, p. 29.
175. Lopez, G.I., **Bobrowsky, P.T.**, Clague, J.J. and I. Hutchinson (1999) The use of low-elevation lake core data as evidence of Late Holocene tsunamis. *Meeting of the Canadian Quaternary Association - Canadian Geomorphological Research Group*, Calgary, Alberta, Canada, Program and Abstracts, p. 42. (Contribution #2005467)
176. **Bobrowsky, P.T.** and N.W. Rutter (1999) Quaternary Stratigraphy of the Northern Rocky Mountain Trench, British Columbia. *Meeting of the Canadian Quaternary Association - Canadian Geomorphological Research Group*, Calgary, Alberta, Canada, Program and Abstracts, p. 7.
177. Bowman, C., Huntley, D. and **P. Bobrowsky** (1999) Late Quaternary Evolution of the Greater Victoria Area, Southeastern Vancouver Island, British Columbia. *Meeting of the Canadian Quaternary Association - Canadian Geomorphological Research Group*, Calgary, Alberta, Canada, Program and Abstracts, p. 9-10.
178. Hutchinson, I., Guilbault, J-P, Clague, J.J. and **P.T. Bobrowsky** (2000) Tsunamis and tectonic deformation at the northern Cascadia margin: a 3000-year record from Deserted Lake, Vancouver Island, British Columbia, Canada. *The Holocene* 10(4): 429-439. (Contribution #2005476)
179. Boxwell, J.E., Hutchinson, I., Clague, J.J., **Bobrowsky, P.T.** and G. Lopez (2000) Diatom biostratigraphy as a tool to detect tsunamis in Kakawis Lake, Vancouver Island, Canada. *Geological Society of America - Cordilleran Section, 96<sup>th</sup> Annual Meeting*, Vancouver, British Columbia, Canada, Abstracts with Program, 32(6): A5 (Contribution #2005478)
180. **Bobrowsky, P.T.**, Paulen, R. and R. Lett (2000) A 3-D model of glacial dispersal from south-central British Columbia. *Geological Society of America - Cordilleran Section, 96<sup>th</sup>*

- Annual Meeting*, Vancouver, British Columbia, Canada, Abstracts with Program, 32(6): A-4 to A-5
181. Huntley, D., Mosher, D., Kung, R., Franklin, R. and **P. Bobrowsky** (2000) Digital reconstruction of Late Wisconsinan ice retreat and relative sea level: southeastern Vancouver Island, British Columbia. *Geological Society of America - Cordilleran Section, 96<sup>th</sup> Annual Meeting*, Vancouver, British Columbia, Canada, Abstracts with Program, 32(6): A-20
  182. Catto, N.R., **Bobrowsky, P.T.** and D.G.E. Liverman (editors) (2000) In Honorarium: Nat Rutter. *Quaternary International*, Volume 68/71. doi:10.1016/S1040-6182(00)00027-6
  183. Paulen, R., **Bobrowsky, P.T.**, Lett, R.E., Jackaman, W., Bichler, A.J. and C. Wingerter (2000) Till Geochemistry of the Chu Chua - Clearwater area, BC (Parts of NTS 92P/8 and 92P/9). *BC Ministry of Energy and Mines*, Open File 2000-17.
  184. Paulen, R., **Bobrowsky, P.T.**, Lett, R.E., Jackaman, W., Bichler, A.J. and C. Wingerter (2000) Till Geochemistry of the Shuswap Highlands area, BC (Parts of NTS 83M/3, 82L/13 and 82L/14). *BC Ministry of Energy and Mines*, Open File 2000-18.
  185. Bichler, A.J. and **P.T. Bobrowsky** (2000) Aggregate reclamation in North America. *Extended Abstracts for Special Symposium C-4-Economic, Environmental and Social Impacts of Small-Scale Mining, 31<sup>st</sup> International Geological Congress*, 6-17 August, Rio de Janeiro, Brazil.
  186. **Bobrowsky, P.T.**, Brink, J. and A.J. Bichler (2000) A case study in landslides and cultural heritage sites: the significance of Head-Smashed-In Buffalo Jump, Alberta, Canada. *Programs and Abstracts of the 31<sup>st</sup> International Geological Congress*, 6-17 August, Rio de Janeiro, Brazil. (Contribution #2005479)
  187. Bichler, A.J. and **P.T. Bobrowsky** (2000) Coastal mapping in British Columbia: an intricate tool for resource management. *Abstracts with Programs, Geological Society of America, Cordilleran Section, 96<sup>th</sup> Annual Meeting*, Vancouver, British Columbia, Canada, Abstracts with Program, 32(6): A-3.
  188. Lopez, G.I. and **P.T. Bobrowsky** (2000) Lacustrine evidence for seismic sea waves on the west coast of British Columbia, Canada. *Coasts at the Millennium, Proceedings of the 17<sup>th</sup> International Conference of The Coastal Society*, p. 380-387, Portland, Oregon, USA.
  189. Hutchinson, I., Clague, J.J., **Bobrowsky, P.T.** and H.F.L. Williams (2000) Investigations of Cascadia paleoseismicity in southwestern BC and northern most Washington State. In: *Great Cascadia Earthquake Tricentennial*, compiled by J.J. Clague, B.F. Atwater, K. Wang, Y. Wang, and I. Wong, p. 61. Penrose Conference 2000, Oregon Dept. Geology and Mineral Industries, Special Paper 33. (Contribution #2005477)
  190. Hickin, A.S., Brooks, E.D., Dixon-Warren, A.B, and **P.T. Bobrowsky** (2000) Aggregate Resource Potential of the Sea to Sky Highway. *B.C. Ministry of Energy and Mines*, Open File 2000-30. Scale 1:50,000. Digital map only.
  191. Bichler, A. and **P.T. Bobrowsky** (2000) Barkerville Project: Regional Till Geochemistry (93H4, 5) and Orientation (93A/14) studies. In: *B.C. Ministry of Energy and Mines, Geological Fieldwork 1999*, Paper 2000-1, p. 383-396.

192. **Bobrowsky, P.**, Brink, J. and A. Bichler (2001) Landslides and Head-Smashed-In Buffalo Jump, Alberta, Canada (UNESCO World Heritage Site). In: *Landslide Risk Mitigation and Protection of Cultural and Natural Heritage*, edited by Kyoji Sassa, p. 85-94. Proceedings of UNESCO/IGCP Symposium, 15-19 January, Tokyo, Japan. (Contribution #2005482)
193. Hickin, A.S., Brooks, E.D. and **P.T. Bobrowsky** (2001) Sea-To-Sky Aggregate Potential Mapping Project. In: *B.C. Ministry of Energy and Mines, Geological Fieldwork 2000*, Paper 2001-1, p. 411-421.
194. **Bobrowsky, P.T.** (2001) Tsunamis and ground subsidence on Canada's West Coast. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts*, 26, p. 15. (Contribution #2005483)
195. Hickin, A., Brooks, E., Dixon-Warren, A. and **P.T. Bobrowsky** (2001) Sea-to-Sky Aggregate Potential Map. *B.C. Ministry of Energy and Mines*, Open File 2001-12. Scale 1:50,000. Digital map and database only.
196. Bichler, A.J. and **P.T. Bobrowsky** (2001) Sand, Gravel and the Community: A look at North American Reclamation Practices. In: *Aggregate 2001 - Environment and Economy*, Volume 2, edited by P. Kuula-Vaisanen and R. Uusinoka, Tampere University of Technology, p. 341-358. Finland.
197. **Bobrowsky, P.T.** (contributor) (2001) *Trip 2 Industrial Minerals: Vancouver Island and Lower Mainland*. 37<sup>th</sup> Forum on the Geology of Industrial Minerals Field Trip Guidebook, edited by R.C. Paulen. May 23-25, 2001, Victoria, British Columbia, Canada.
198. Hickin, A.S., E.D. Brooks and **P.T. Bobrowsky** (2004) Aggregate Potential Mapping on the Sea-to-Sky Highway, BC. In: *37<sup>th</sup> Forum on the Geology of Industrial Minerals with an emphasis on Western North America*, edited by G. Simandl, W.J. McMillan and N.D. Robinson, May 23-25, Victoria, British Columbia, Canada, p. 287-291.
199. Bowman, C. and **P. Bobrowsky** (2001) Determination of Heavy Metal Concentrations and Associated Health Hazards in the Soils of Victoria, British Columbia. *Canadian Quaternary Association 2001 Biennial Meeting, Program and Abstracts, Whitehorse, Yukon, Canada*, p. 30.
200. Hickin, A.S. and **P.T. Bobrowsky** (2001) Application of Ground Penetrating Radar in Tropical Diamond and Gold Placer Exploration, Maple Creek, Guyana. *Canadian Quaternary Association 2001 Biennial Meeting, Program and Abstracts, Whitehorse, Yukon, Canada*, p. 41.
201. Bichler, A. and **P. Bobrowsky** (2001) Aggregate Mine Reclamation Practices into the 21<sup>st</sup> Century. *Canadian Quaternary Association 2001 Biennial Meeting, Program and Abstracts, Whitehorse, Yukon, Canada*, p. 26-27.
202. Gutsell, J., Clague, J.J., **Bobrowsky, P.T.** and I. Hutchinson (2001) Architecture, Stratigraphy and Sedimentology of a Fjord-head Delta, Zeballos, British Columbia. *Geological Society of America, Program with Abstracts*, 23(6): A454. (Contribution #2005480)
203. Massey, N.W.D., Matheson, A. and **P.T. Bobrowsky** (2001) Aggregate Resource Potential Maps - A Planning Tool useful for Explorationists. *Canadian Institute of Mining. Industrial Minerals Forum*, Vancouver, British Columbia, Canada, October.

204. McClenaghan, M.B., **Bobrowsky, P.T.**, Hall, G.E.M. and S.J. Cook (Editors) (2001) *Drift Exploration in Glaciated Terrain*. Special Publication No. 185, Geological Society of London, 350 p.
205. **Bobrowsky, P.T.** and A.J. Bichler (2001) Till Geochemistry of the Wells - Stony Lake area, B.C. (NTS 93H/4N and 93H/5S). *B.C. Ministry of Energy and Mines*, Open File 2001-10.
206. Bowman, C. and **P. Bobrowsky** (2001) Urban geochemistry and associated health hazards in the sediments of Victoria, British Columbia. *Geological Society of America, Program with Abstracts*, 33(6): A361.
207. Hickin, A.S., Brooks, E.S. and **P.T. Bobrowsky** (2001) North Coast Aggregate Potential Project. *B.C. Ministry of Energy and Mines*, Open File 2001-19. Scale 1:50,000. Digital map and database only.
208. Huntley, D.H., **Bobrowsky, P.T.** and J.J. Clague (2001) Ocean Drilling Program Leg169S: surficial geology, stratigraphy and geomorphology of the Saanich Inlet area, southeastern Vancouver Island, British Columbia. *Marine Geology* 174(1-4): 27-41.
209. **Bobrowsky, P.T.** (editor) (2002) *Geoenvironmental Mapping: methods, theory and practice*. Introduction. In: *Geoenvironmental Mapping: methods, theory and practice*, edited by P.T. Bobrowsky, p. 1-7. Swets and Zeitlinger Publishing, The Netherlands. (Contribution #2005486)
210. Chung, C.J., **Bobrowsky, P.T.** and R. Guthrie (2002) Quantitative prediction model for landslide hazard mapping, Tsitika and Schmidt Creek Watersheds, Northern Vancouver Island, British Columbia, Canada. In: *Geoenvironmental Mapping: methods, theory and practice*, edited by P.T. Bobrowsky, p. 697-716. Swets and Zeitlinger Publishing, The Netherlands. (Contribution #2005484)
211. Kelly, R.I. and **P.T. Bobrowsky** (2002) Aggregate Potential Mapping. In: *Geoenvironmental Mapping: methods, theory and practice*, edited by P.T. Bobrowsky, p. 195-222. Swets and Zeitlinger Publishing, The Netherlands.
212. **Bobrowsky, P.**, Cathro, M. and R. Paulen (2002) Quaternary geology reconnaissance studies 92I/2 and 7. In: *B.C. Ministry of Energy and Mines, Geological Fieldwork 2001*, Paper 2002-1, p. 397-402. (Contribution #20080422)
213. Bichler, A.J., Brooks, E.D. and **P.T. Bobrowsky** (2002) Sunshine Coast Aggregate Potential Mapping Project. In: *B.C. Ministry of Energy and Mines, Geological Fieldwork 2001*, Paper 2002-1, p. 403-408. (Contribution #20080423)
214. Bichler, A.J., Brooks, E.D. and **P.T. Bobrowsky** (2002) Sunshine Coast Aggregate Potential Mapping Project. Ministry of Energy and Mines, Geological Survey Branch, Open File 2002-14 (CD Version only). (Contribution #20080424)
215. Bowman, C. and **P.T. Bobrowsky** (2002) Urban geochemistry of Victoria, British Columbia, Canada. *Geological Society of America, Program with Abstracts*, 34(6): 419. (Contribution #20080425)
216. **Bobrowsky, P.** and N. Catto (Editors) (2003) Urban and Quaternary Geology, New Zealand and Eastern Australasia. *Quaternary International*, Volume 103, 90 pages. (Contribution #2005485)

217. Bowman, C. and **P.T. Bobrowsky** (2003) Health and the Urban Geochemical Environment, Victoria, British Columbia, Canada. *6<sup>th</sup> International Symposium on Environmental Geochemistry, Program and Abstracts, Edinburgh, Scotland*, p. 140. (Contribution #20080428)
218. Bichler, A.J., **Bobrowsky, P.T.** and M.E. Best (2003) Multi-parameter assessment of slope movements in glaciolacustrine sediments, Quesnel River Valley, British Columbia. *Geohazards 2003, 3<sup>rd</sup> Canadian Conference on Geotechnique and Natural Hazards, Edmonton, Alberta, Canada, Conference Proceedings*, p. 169-176. (Contribution #2005489)
219. Hickin, A.S., Paulen, R.C. and **P.T. Bobrowsky** (2003) Ground penetrating radar in fluvial placer exploration, Maple Creek, Guyana. *XV<sup>th</sup>, INQUA Congress. Abstracts*, p. 82. (Contribution #20080430)
220. Hickin, A.S., **Bobrowsky, P.T.** and R.C. Paulen (2003) Imaging Fluvial Architectural Elements of a Buried Valley using Ground Penetrating Radar, Maple Creek, Guyana. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts, Vancouver, British Columbia, Canada, 25-28 May, Volume 28*, p. 75. (Contribution #20080431)
221. Paulen, R.C. and **P.T. Bobrowsky** (2003) Multiphase Flow of Late Wisconsin Ice in the Quesnel Highlands: Piecing Together Discordant Ice Flow Indicators. *Geological Association of Canada-Mineralogical Association of Canada, Program with Abstracts, Vancouver, British Columbia, Canada, 25-28 May, Volume 28*, p. 30.
222. Paulen, R.C., **P.T. Bobrowsky** and M. Fenton (2003) Spectacular, Large-Scale Deformation Structures in Glaciolacustrine Sediments, Peace River, Alberta, Canada. *XV<sup>th</sup> INQUA Congress. Abstracts*, p. 64. (Contribution #20080433)
223. Davis, J., Berg, T., Schuster, R., Highland, L., **Bobrowsky, P.** and P. Gori (2003) Consensus strategies to acquire accurate landslide damage cost data and apply insights to mitigation. *Geological Society of America, Abstracts with Program*, 35(6): 107-108. (Contribution #2005487)
224. Bichler, A. and **P. Bobrowsky** (2003) Quaternary geology of the Hydraulic map sheet (NTS 93/A12). *British Columbia Geosciences, Research and Development Branch, Open File 2003-7, Scale 1:50,000*. (Contribution #20080435)
225. Bowman, C.A., **Bobrowsky, P.T.** and O. Selinus (2003) Medical Geology: Applied Relevance in the Earth Sciences. *Episodes*, Vol. 26, No. 4, p. 270-278. (Contribution #20080436)
226. Hickin, A.S. and **P.T. Bobrowsky** (2003) Imaging Fluvial Architecture Using Ground Penetrating Radar, Maple Creek, Guyana. *Geological Society of America, Abstracts with Program*, 35(6):219. (Contribution #20080434)
227. Bichler, A.J., **Bobrowsky, P.T.**, Best, M.E., Douma, M., Hunter, J., Calvert, T. and R. Burns (2003) A stratigraphic and multi-geophysical approach to landslide investigation: the Quesnel Forks landslide. *Geological Society of America, Abstracts with Program*, 35(6):311-312. (Contribution #2005488)
228. Gutsell, J., Clague, J.J., Best, M.E., **Bobrowsky, P.T.** and I. Hutchinson (2004) Architecture and Evolution of a Fjord-Head Delta, Western Vancouver Island, British Columbia. *Journal of Quaternary Science*, 19(5):497-511. (Contribution #2005490)



229. Bichler, A., **Bobrowsky, P.**, Best, M., Douma, M., Hunter, J., Calvert, T. and R. Burns (2004) Three-dimensional mapping of a landslide using a multi-geophysical approach: the Quesnel Forks landslide. *Landslides*, 1(1):29-40. DOI: **10.1007/s10346-003-0008-7** (Contribution #2005492)
230. Ouattara, T., Couture, R., **Bobrowsky, P.T.**, and A. Moore (2004) Remote Sensing and Geosciences. *Geological Survey of Canada*, Open File 4542 (CD only) DOI: **10.4095/214995**
231. Bichler, A., VanDine, D. and **P. Bobrowsky** (2004) Landslide Hazard and Risk Mapping – a Review and Classification. *Proceedings of the 57<sup>th</sup> Canadian Geotechnical Conference*, 24-28<sup>th</sup> October, Quebec City, Canada, 12 pages, digital publication. (Contribution #2005491)
232. Grignon, A., **Bobrowsky, P.** and T. Coultish (2004) Landslide Database Management Philosophy in the Geological Survey of Canada. *Proceedings of the 57<sup>th</sup> Canadian Geotechnical Conference*, 24-28<sup>th</sup> October, Quebec City, Canada. 5 pages, digital publication. (Contribution 2004050)
233. Bichler, A., **Bobrowsky, P.**, Best, M., Douma, M., Hunter, J., Calvert, T. and R. Burns (2004) The application of a multi-parameter geophysical survey to landslide characterization: a case study from Canada. *32<sup>nd</sup> International Geological Congress*, 20-28 August, Florence, Italy. Digital abstract on CD. (Contribution #2005493)
234. **Bobrowsky, P.T.** (2004) Impact of Geology on our Cultural Heritage. *Proceedings of the 32<sup>nd</sup> International Geological Congress*, 20-28 August, Florence, Italy. Plenary Presentation. Digital extended abstract on CD.
235. Nowlan, G.S., **Bobrowsky, P.T.** and J. Clague (2004) Protection of geological heritage: a North American perspective on Geoparks. *Episodes* 27(3):172-176. Reprinted in the *George Wright Forum* (2010), Volume 27, Number 1. (Contribution #2004141)
236. VanDine, D. Bichler, A., and **P. Bobrowsky** (2004) Landslide Hazard and Risk Mapping – a review and classification. *Proceedings of the 57<sup>th</sup> Canadian Geotechnical Conference*, 24-28<sup>th</sup> October, Quebec City, Canada. Session 5C, 12 pages, digital publication.
237. Dore, M., Shah, N. and **P. Bobrowsky** (2004) Landslide Hazard Response: a comparative study of emergency response policy in California and Quebec. *Proceedings of the 1<sup>st</sup> Annual Canadian Risk and Hazards Network Symposium*, November 17-19, Winnipeg, Manitoba, Canada, digital publication.
238. Grignon, A. and **P.T. Bobrowsky** (2005) Empowering scientists, planners and the public to reduce landslide losses: a simplified web interface to access a national database in Canada. *European Geoscience Union - General Assembly*, April 24-29, 2005 Vienna, Austria. Digital Publication, Geophysical Research Abstracts, Volume 7, #EGU05-A-05511.
239. Paulen, R.C., Lett, R.E., Schiarizza, P. and **P.T. Bobrowsky** (2005) Bedrock geochemistry of the Barriere Lakes – Adams Plateau Area (82L/13E; 82M/3W, 4, 5, 12S; 92P/1E, 8E); *British Columbia Ministry of Energy and Mines*, Geo-File 2005-11.
240. Evans, S. Cruden, D.M., **Bobrowsky, P.T.**, Guthrie, R.H., Keegan, T.R., Liverman, D.G.E. and D. Perret (2005) Landslide risk assessment in Canada: a review of recent developments. In: *Landslide Risk Management*, edited by O. Hungr, R. Fell, R. Couture and E. Eberhardt, p. 351-366, A.A. Balkema, Netherlands. (Contribution #20060088)

241. **Bobrowsky, P.T.**, Bichler, A. and D. VanDine (2005) Landslide Hazard and Risk Mapping – a review and classification. *Proceedings MAEGS 14 – Association of European Geological Societies – Natural Hazards Related to Recent Geological Processes and Regional Evolution*, September 19-23, Turin, Italy
242. Mucho, R., Carlotto, V., Pari, W., Jhonathan, M., Douma, M., Best, M. and **P. Bobrowsky** (2005) The application of ground penetrating radar (GPR) at Machu Picchu, Peru (C101-1). In: *Landslides Risk Analysis and Sustainable Disaster Management*, edited by K. Sassa, H. Fukuoka, F. Wang and G. Wang, p. 55-60, Springer Verlag Publishers. Paper presented at the First General Assembly of the International Consortium on Landslides, October 12-13, Washington, DC.
243. **Bobrowsky, P.T.**, Bichler, A. and D. VanDine (2005) Landslide Hazard and Risk Mapping: a North American Perspective. *Proceedings ARMONIA Conference on Multi-Hazards: challenges for risk assessment, mapping and management*, December 5-6, Barcelona, Spain (Abstract on CD)
244. **Bobrowsky, P.**, Paulen, R., Alloway, B.J. and P. Smedley (2005). Appendix A (International Reference Values) Soils/Water. In: *Essentials of Medical Geology*, edited by Olle Selinus et al., Academic Press, New York, p. 767-769.
245. **Bobrowsky, P.T.** (2006) The function of IUGS in the development of global geoparks. *1<sup>st</sup> International Symposium on Development Within Geoparks: Science and Management*, May 14-17, Jiaozuo, China.
246. **Bobrowsky, P.T.** (2006) Africa and the International Union of Geological Sciences. *3<sup>rd</sup> Conference of the Association of African Women Geoscientists*, May 4-14, El Jadida, Morocco. (Abstract on CD)
247. **Bobrowsky, P.T.** (2006) Natural Hazards in Africa: perspectives from a global context. *Proceedings, Geological Society of Africa 21<sup>st</sup> Colloquium of African Geology*, July 3-6, Maputo, Mozambique.
248. Carlotto, V., Pari, W., Cardenas, J., Jhonathan, M., Best, M., Douma, M. and **P. Bobrowsky** (2006) Multi-parameter geophysical study at Machu Picchu, Peru. Paper presented at the *XIII Congreso Peruano de Geología “Movilizando las Geociencias para el desarrollo del País”*, October 17-20, Lima, Peru. (Abstract on CD)
249. **Bobrowsky, P.** and H. Rickman (Editors) (2007) Comet/Asteroid Impacts and Human Society: an interdisciplinary approach. Springer Verlag Publishing, 546 p. **DOI: 101007/978-3-540-32711-0** (Contribution #20070544)
250. Carlotto, V., **Bobrowsky, P.**, Best, M. and M. Douma (2007) An assessment of geophysical methods for landslide studies. In: *IPL 2007 Symposium*, p. 39-44, Tokyo, Japan. (Paper on CD)
251. **Bobrowsky, P.T.** (2007) Introduction to Geosciences and Health. *Geosciences*, Number 5, March, p. 4-5.
252. Hickin, A.S., **Bobrowsky, P.T.**, Paulen, R.C. and M. Best (2007) Imaging fluvial architecture within a paleovalley fill using ground penetrating radar, Maple Creek, Guyana. In: *Stratigraphic Analyses using GPR*, edited by G.S. Baker and H.M. Jol, p. 133-153. Geological Society of America Special Paper 432.

253. Highland, L. and **P. Bobrowsky** (2007) An illustrated guidebook for understanding landslides. In: *Proceeding of the 1<sup>st</sup> North American Landslide Conference*, edited by K. Turner and B. Schuster. Paper presented at the 1<sup>st</sup> North American Landslide Conference, Vail, Colorado, USA, June 3-8. (Paper on CD)
254. Lipovsky, P.S., Evans, S.G., Delaney, K., Roberts, N., Clague, J.J., Hopkinson, C., Couture, R., Demuth, M., **Bobrowsky, P.**, Ekstrom, G., von Gaza, P., Schaeffer, A., and G. Clarke. (2007) Mt. Steele's slippery slope: the July 2007 rock and ice avalanches. *Yukon Geoscience Forum*, Whitehorse, Yukon, November 25-28, 2007.
255. **Bobrowsky, P.T.** (2008) Book Review 'Landslides, Processes, Prediction and Land Use' by Roy C. Sidle and Hirotaoka Ochiai, 2006, American Geological Institute. *Landslide* 5(2):241.
256. Lipovsky P.S., Evans S.G., Clague J.J, Hopkinson C., Couture, R., **Bobrowsky, P.**, Ekstrom G., Demuth, M.N., Delaney, K.B., Roberts N.J., Clarke G. and A. Schaeffer (2008) Reconnaissance observations of the July 24, 2007 rock and ice avalanche at Mount Steele, St. Elias Mountains, Yukon. *4th Canadian Conference on Geohazards and Geotechnique: From Causes to Management*, edited by J. Locat, D. Perret, D. Turmel, D. Demers and S. Leroueil, Quebec City, 20-24 May, 2008, p. 323-330. (Contribution #20070457)
257. Lipovsky P., Evans, S.G., Clague J.J, Hopkinson C., Couture, R., **Bobrowsky, P.**, Ekstrom G., Demuth M., Delaney K., Roberts N., Clarke G. and A. Schaeffer (2008) The July 2007 rock and ice avalanches at Mount Steele, St. Elias Mountains, Yukon. *Landslides*, 5:445-455. (Contribution #?)
258. Best, M., **Bobrowsky, P.**, Douma, M., Carlotto, V., and W. Pari, W. (2008) Geophysical surveys at Machu Picchu, Peru: results for landslide hazard investigations. *21<sup>st</sup> SAGEEP Symposium on the Application of Geophysics to Engineering and Environmental Problems*, Philadelphia, PA, USA, April 6-10, 2008, p. 348-365.
259. **Bobrowsky, P.**, Yin, Y., Zheng, W., Li, X., Couture, R., Wang, B. and V. Singhroy (2008) Landslides in the Eastern Tibetan Plateau, China. *Annual Meeting of Geological Association of Canada*, Quebec City, Quebec, May 26-28, p.
260. **Bobrowsky, P.T.**, Nowlan, G. and J.J. Clague (2008) The concept of geological heritage in a global perspective. *Annual Meeting of Geological Association of Canada*, Quebec City, Quebec, May 26-28, p.
261. Percival, J.B. and **P.T. Bobrowsky** (2008) Metals and health: How safe are we? *Annual Meeting of Geological Association of Canada*, Quebec City, Quebec, May 26-28, p. 133. (Contribution #20080630)
262. **Bobrowsky, P.**, Yin, Y., Zheng, W., Li, X., Singhroy, V., Wang, B. and R. Couture (2008) Reducing landslide risk in Sichuan Province, China. *33<sup>rd</sup> International Geological Congress*, Oslo, Norway, August 6 -14. Digital CD publication.
263. **Bobrowsky, P.T.**, Nowlan, G., Clague, J.J. and N.W. Rutter (2008) The concept of geological heritage in a global perspective. *33<sup>rd</sup> International Geological Congress*, Oslo, Norway, August 4 -14. Digital CD publication.
264. **Bobrowsky, P.**, Yin, Y., Zheng, W., Li, X., Singhroy, V., Couture, R. and B. Wang (2008) Monitoring landslides in China: recent advances. *Annual Meeting of the Geological Society of America*, Houston, Texas, October 5-9.

265. Highland, L. and **P. T. Bobrowsky** (2008) *The Landslide Handbook – A Guide to Understanding Landslides*. USGS Circular 1325. 129 pages. (Contribution #20080377)
266. Highland, L. and **P. Bobrowsky** (2008) An illustrated landslide handbook for developing nations. In: *Proceedings of the First World Landslide Forum*, 18-21 November 2008 Landslides – Disaster Risk Reduction, edited by K. Sassa and P. Canuti. Springer Verlag Publishing, p. 260-264.
267. **Bobrowsky, P.T.**, Couture, R., Froese, C., Singhroy, V. and J. Psutka (2008) Real-time monitoring of landslides in Canada. *International Workshop on Real-Time Monitoring of Landslides*, Xi'an, China, 29 June. International Symposium on Landslides.
268. Best, M., **Bobrowsky, P.**, Douma, M., Carlotto, V. and W. Pari (2009) Geophysical surveys at Machu Picchu, Peru: results for landslide hazard investigations. In: *Landslides – Disaster Risk Reduction*, edited by K. Sassa and P. Canuti. Springer Verlag Publishing, p. 265-273.
269. Hervas, J. and **P. Bobrowsky** (2009) Mapping: Inventories, Susceptibility, Hazards and Risk. In: *Landslides – Disaster Risk Reduction*, edited by K. Sassa and P. Canuti. Springer Verlag Publishing, p. 321-349.
270. **Bobrowsky, P.T.**, VanDine, D. and A. Bichler (2009) Landslide Hazard and Risk Mapping: a review and classification. *Workshop on landslide mapping and risk assessment methodologies*. Kolkata, India, January 27-28, Geological Survey of India HQ.
271. **Bobrowsky, P.T.** and L. Highland (2009) Reducing Risk Through Effective Nontechnical Communication. *Canadian Quaternary Association/Canadian Geomorphology Research Group 2009 Biennial Meeting, Program and Abstracts*, Vancouver, British Columbia, 2-8 May, p. 43. (Contribution #20090082)
272. **Bobrowsky, P.T.**, J. Clague and G. Nowlan (2009) Global GeoHeritage Issues. *First International Symposium on Danxia Landforms*. Danxiashan, Guangdong, China, 26-28 May 2009.
273. Moores, E. and **P.T. Bobrowsky** (2009) Case for North American Geopark Networks. *Annual Meeting of the Geological Society of America*, Portland, Oregon, USA, 18-21 October 2009.
274. **Bobrowsky, P.T.** (2009) Book Review 'Landslides: risk analysis and sustainable disaster management' edited by Kyoji Sassa, Hiroshi Fukuoka, Fawu Wang and Gonghui Wang 2005, Springer Publishing. *Landslides* 6(4):373-374. DOI:10.01007/s10346-009-0173-4 (Contribution #20100498).
275. Clague, J.J. and **P.T. Bobrowsky** (2010) Natural Hazards in Canada. *Geoscience Canada*, 37(1):17-37. (Contribution #20090161)
276. Nowlan, G.S., **Bobrowsky, P.** and R. Miller (2010) Geoparks in Canada. *4<sup>th</sup> International Conference on UNESCO GeoParks*. Langawi Geopark, Malaysia, 9-15 April 2010.
277. Eder, W., **Bobrowsky, P.** and R. Missotten (2010) Examining the concept of "Geoparks" and "Geoheritage" in the Americas as a potential legacy for IYPE. Paper presented at the *European Geosciences Union*, Vienna, Austria 2 – 7 May 2010.

278. **Bobrowsky, P.T.** and M.J. Dominguez (2010) Landslide Susceptibility Map of Canada. *Annual Meeting of the Geological Society of America*, Denver, Colorado, USA, 31 October – 3 November, 2010 (abstract and poster)
279. Couture, R., Blais-Stevens, A., **Bobrowsky, P.T.**, Wang, B. and D. VanDine (2011) Canadian Technical Guidelines and Best Practices related to Landslides: a national initiative for loss reduction. *Proceedings, 5th Canadian Conference on Geohazards*, Kelowna (BC), May 15-17, 2011, 6 pages, Paper #118 (Contribution #20100451)
280. Couture, R., VanDine, D., **Bobrowsky, P.T.**, Blais-Stevens, A., and Wang, B. (2011) Canadian Technical Guidelines and Best Practices related to Landslides: a National Initiative for Loss Reduction. Paper submitted to the International Conference EngGeo-Pro-2011 – Environmental Geosciences and Engineering Survey for Territory Protection and Population Safety. Moscow (Russia), 6-8 Sept. 2011, p. 817-820. (Contribution #20110108)
281. Kao, H., Rosenberger, A., Rogers, G., Cassidy, J., and **P. Bobrowsky** (2011) Detection and monitoring of landslides using real-time seismic signals: application to western Canada. *Canadian Geophysical Union Annual Meeting*, Banff, Alberta, Canada 15-18 May 2011
282. Wang, B., Ruel, M., Couture, R., VanDine, D., **Bobrowsky, P.T.** and Blais-Stevens A. (2011) A review of available landslide guidelines. *Proceedings 5th Canadian Conference on Geohazards*, Kelowna (BC), May 15-17, 2011, 8 pages, Paper #181 (Contribution #20100439)
283. **Bobrowsky, P.T.** and M.J. Dominguez (2011) Landslide Susceptibility Map of Canada. *Annual Meeting of the Geological Association of Canada-Mineralogical Association of Canada*, Program with Abstracts, Volume 36, Ottawa, Ontario, Canada 25–27 May 2011 (Contribution #20100506)
284. **Bobrowsky, P.T.** and M.J. Dominguez (2011) A proposed landslide susceptibility map of Canada based on GIS. *Second World Landslide Forum*, Proceedings, Rome, Italy, 3-7 October 2011 (digital abstract). (Contribution #20100495)
285. Highland, L.M. and **P. Bobrowsky** (2011) O Manual de Deslizamento – Um Guia para a Compreensao de Deslizamentos. Portuguese version of the Landslide Handbook, USGS Circular 1325. Published by the World Bank, 176 pages.
286. Highland, L.M. and **P. Bobrowsky** (2011) Manual de derrumbes: Una guia para entender todo sobre los derrumbes. Spanish version of the Landslide Handbook, USGS Circular 1325. Published by the World Bank, 176 pages.
287. **Bobrowsky, P.** and J. Clague (2011) Canada's Natural Hazards: A Focus on the North. *ProTEC: Prevenire Proteggere Gestire – Tecnologia e Servizi per la Protezione Civile e Ambientale*. Turin Italy, 30 June – 2 July 2011.
288. Wang, B., Ruel, M., Couture, R., **Bobrowsky, P.** and A. Blais-Stevens (2011) Review of Existing Landslide Guidelines – Canadian Technical Guidelines and Best Practices Related to Landslides: A National Initiative for Loss Reduction. *Geological Survey of Canada*, Open File 7058. DOI: 10.4095/289864
289. Wang, B., Ruel, M., Couture, R., VanDine, D., **Bobrowsky, P.T.** and Blais-Stevens, A. (2012) Current status of landslide guidelines around the world. In: *Landslide Science and Practice*, Volume 3, Social and economic impact and policies, Edited by C.

- Margottini, P. Canuti and K. Sassa, p. 271-277. (Contribution #20110110) DOI: **10.1007/978-3-642-31313-5 35**
290. Jackson, L.E., Jr. **Bobrowsky, P.T.** and A. Bichler (2012) Identification, Maps and Mapping – Canadian Technical Guidelines and Best Practices Related to Landslides: A National Initiative for Loss Reduction. *Geological Survey of Canada*, Open File 7059. DOI: **4095/292122**
291. **Bobrowsky, P.T.** and M.J. Dominguez (2012) The Landslide Susceptibility Map of Canada. *Geological Survey of Canada* Open File 7228. DOI: **10.4095/291902**
292. **Bobrowsky, P.**, Crow, H., Couture, R., Boteler, D. and J. Hunter (2012) A successful strategy for developing best practice “guidelines” for professional geoscientists. *4<sup>th</sup> International Geology Conference*. Vancouver, Canada, 22-24 January 2012 (Contribution #20110188)
293. Selinus, O., **Bobrowsky, P.** and E. Derbyshire (2012) The International Geoscience Programme – 454 Medical Geology. In: *40<sup>th</sup> IGCP Anniversary Volume*, edited by E. Derbyshire, p. 50-55. UNESCO, Paris, France.
294. Millard, T., Geertsema, M., Clague, J.J., **Bobrowsky, P.**, Hasler, A. and M. Sakals (2012) Landslides on Haida Gwaii during and after the Earthquake. *Risky Ground Newsletter*, Winter Edition 21 December, p. 12-13. (GSC Contribution # 20120393)
295. Crow H.L., Hunter, J.A. and **P.T. Bobrowsky** (2012) National shear wave measurement guidelines for Canadian seismic site assessment. *65<sup>th</sup> Annual Canadian Geotechnical Society Conference*, p. 1-11. Geo-Manitoba, Winnipeg, Fall 2012 (Contribution #20120132)
296. Couture, R., Vandine, D., **Bobrowsky, P.T.**, Blais-Stevens, and Wang, B. (2012) An Canadian Technical Guidelines and Best Practices related to Landslides. Paper accepted to the Joint 11<sup>th</sup> ISL & 2<sup>nd</sup> NASL, Banff (Canada), 4-8 June 2012, 6 pages. (Contribution to Chapter A). In: *Landslides and Engineered Slopes: Protecting Society through Improved Understanding*, edited by E. Eberhardt, C. Froese, A.K. Turner and S. Leroueil, A. Balkema (Netherlands), p. 817-820. (Contribution #20110293)
297. Jackson, L.E. Jr., **Bobrowsky, P.T.** and Couture, R. (2012) Landslide identification, mapping and field description in Canada. Paper accepted to the Joint 11<sup>th</sup> ISL & 2<sup>nd</sup> NASL, Banff (Canada), 4-8 June 2012, 7 pages. (Contribution to Chapter H). In: *Landslides and Engineered Slopes: Protecting Society through Improved Understanding*, edited by E. Eberhardt, C. Froese, A.K. Turner and S. Leroueil, A., p. 229-235. Balkema (Netherlands) (Contribution #20140012)
298. Dominguez-Cuesta, M.J. and **P.T. Bobrowsky** (2012) Proposed landslide susceptibility map of Canada based on GIS. In: *Proceedings of the 2<sup>nd</sup> World Landslide Forum*, Rome (Italy), 8 pages. (Contribution #20110109). DOI: **10.1007/978-3-642-31310-3 51**
299. **Bobrowsky, P.T.** (2012) Facilitating integration between fundamental and applied geosciences. Keynote Presentation. *34<sup>th</sup> International Geological Congress*, Brisbane, Australia, 5-10 August, digital abstract only.
300. **Bobrowsky, P.T.**, Couture, R., VanDine, D., Wang, B. and A. Blais-Stevens (2012) Technical guidelines for Canadian landslide practitioners. *34<sup>th</sup> International Geological Congress*, Brisbane, Australia, 5-10 August, digital abstract only

301. **Bobrowsky, P.T.** (2012) Technical Landslide Guidelines: we invite your input now! *Risky Ground Newsletter*, Fall Edition 21 September 2012, p. 5
302. **Bobrowsky, P.**, Crow, H., Couture, R., Boteler, D. and J. Hunter (2012) Canadian Best Practice Hazard Guidelines for Professional Geoscientists. *Annual Meeting of the Geological Society of America*, Charlotte, North Carolina, USA, 4-7 November, 2012 (abstract). Abstracts and Programs, Vol. 44, No. 7
303. **Bobrowsky, P.** (2012) Report of the IUGS Secretary General regarding the administration of the IUGS for the Period 2008 (August) to 2012 (August). *Episodes* 35(2):256-361.
304. Couture, R., Blais-Stevens, A., **Bobrowsky, P.T.**, Wang, B. and D. VanDine (2013) Canadian technical guidelines and best practices related to landslides: a national initiative for less reduction. In: *Landslides: Global Risk Preparedness*, edited by K. Sassa. Springer Verlag Publishing; p. 327-334. DOI: 10.1007/978-3-642-22087-6-22
305. **Bobrowsky, P.T.** and L. Highland (2013) The Landslide Handbook – A Guide to Understanding Landslides: A landmark publication for landslide education and preparedness. In: *Landslides: Global Risk Preparedness*, edited by K. Sassa. Springer Verlag Publishing; p. 75-85. DOI: 10.1007/978-3-642-22087-6-5 (Contribution #20110111)
306. Peppoloni, S., **Bobrowsky, P.** and G. Di Capua (2013) Geoethics: a challenge for the research integrity in geosciences. *3<sup>rd</sup> World Conference on Research Integrity*, Montreal, Quebec, Canada 5 – 8 May 2013
307. **Bobrowsky, P.T.** (2013) (Editor) *Encyclopedia of Natural Hazards*. Springer, New York, 1141 pages. ISBN 978-90-481-8699-0
308. **Bobrowsky, P.T.**, Brocx, M. Di Capua, G., Errami, E., Greco, R., Keiffer, S.W., Limaye, S.D., Peppoloni, S., Silva, E., Tinti, S. and M. Wang (2013) The IAPG: International Association for Promoting Geoethics: a scientific platform for widening the debate on problems of ethics applied to the geosciences. *European Geophysical Union, Geophysical Research Abstracts*, Volume 15, EGU2013-11781
309. Highland, L.M. and **P. Bobrowsky** (2013) Зсуви - Посібник для розуміння зсувів, Постанова 1325. Ukrainian version of The Landslide Handbook, USGS Circular 1325. Published by the World Bank, 176 pages
310. **Bobrowsky, P.T.** (2013) Recent Advances in Landslide Monitoring. Paper presented at CIRiDe - International Congress on Disaster Risk and Sustainable Development, Catamarca, Argentina 22 – 24 April 2013
311. **Bobrowsky, P.T.** (2013) Technical Landslide Guidelines for Professionals. Paper presented at CIRiDe - International Congress on Disaster Risk and Sustainable Development, Catamarca, Argentina 22 – 24 April 2013
312. **Bobrowsky, P.T.**, VanDine, D. and R. Couture (2013) Technical Landslide Guidelines for Canadian Professional Geoscientists. *Annual Meeting of the Geological Association of Canada-Mineralogical Association of Canada*, Program with Abstracts, Winnipeg, Manitoba, Canada 22 – 24 May 2013
313. **Bobrowsky, P.** and W. Sladen (2013) Installing Fibre Optics with the China Geological Survey. *ESS S&T Newsletter*, Issue #21 (NRCan Wiki online digital version only).

314. Highland, L.M. and **P. Bobrowsky** (2013) Jisuberi Handobukku. Japanese version of The Landslide Handbook, USGS Circular 1325. Published by the Japanese Landslide Society
315. **Bobrowsky, P.T.** (2013) Trend-Spotting in the Geosciences. *Geoscience Canada*, 40(4):235-241 (Contribution #20130180) **doi:10.12789/geocanj.2013.40.017**
316. **Bobrowsky, P.** (2013) From landslides to civil unrest: the implications of subduction zone earthquakes. In: *2<sup>nd</sup> G-EVER International Symposium and the 1<sup>st</sup> IUGS & SCJ International Workshop on Natural Hazards*, Abstracts Volume, 19-20 October 2013, Sendai, Tohoku, Japan, p. 30-33
317. **Bobrowsky, P.T.**, VanDine, D. and R. Couture (2014) Landslide Guidelines and Best Practices for Professional Engineers and Geoscientists. In: *Engineering Geology for Society and Territory – Volume 2 Landslide Processes*, edited by G. Lollino, D. Giordan, G. Battista Crosta, J. Corominas, R. Azzam, J. Wasowski and N. Sciarra. IAEG (International Association of Engineering Geology and the Environment) Congress, Turin, Italy 15 – 19 September 2014, Springer Publishing (Contribution #20130353) **doi: 10.1007/978-3-319-09303-1\_45**
318. **Bobrowsky, P.T.**, Sladen, W., Huntley, D., Zhang, Q., Bunce, C., Edwards, T., Hendry, M., Martin, D. and E. Choi (2014) Multi-parameter monitoring of a slow moving landslide: Ripley Slide, British Columbia, Canada. In: *Engineering Geology for Society and Territory – Volume 2 Landslide Processes*, edited by G. Lollino, D. Giordan, G. Battista Crosta, J. Corominas, R. Azzam, J. Wasowski and N. Sciarra; p. 155-159. IAEG (International Association of Engineering Geology and the Environment) Congress, Turin, Italy 15 – 19 September 2014, Springer Publishing (Contribution #20140007)
319. **Bobrowsky, P.** and R. Couture (2014) Landslide Terminology. Canadian Technical Guidelines and Best Practices related to Landslides: a national initiative for loss reduction. *Geological Survey of Canada*, Open File 7623 **doi: 10.4095/293940**
320. Huntley, D., **Bobrowsky, P.**, Qing, Z., Sladen, W., Bunce, C., Edwards, T., Hendry, M., Martin, D. and E. Choi (2014) Fiber optic strain monitoring and evaluation of a slow-moving landslide near Ashcroft, British Columbia, Canada. In: *Landslide Science for a Safer Geoenvironment*, edited by K. Sassa, P. Canuti and Y. Yin, Volume 1, p. 415-422. Springer Verlag. 3<sup>rd</sup> World Landslide Forum (ICL-IPL), Beijing, China 2 – 6 June 2014 (Contribution #20150019) **doi: 10.1007/978-3-319-04999-1\_58**
321. **Bobrowsky, P.**, Yin, Y. and A. Strom (2014) Introduction: General Landslide Studies. In: *Landslide Science for a Safer Geoenvironment*, edited by K. Sassa, P. Canuti and Y. Yin, Volume 1, p. 323-324. Springer Verlag. 3<sup>rd</sup> World Landslide Forum (ICL-IPL), Beijing, China 2 – 6 June 2014 **doi:10.1007/978-3-319-04999-1\_45**
322. Huntley, D.H. and **P.T. Bobrowsky** (2014) Surficial geology and monitoring of the Ripley Slide, near Ashcroft, British Columbia, Canada. *Geological Survey of Canada*, Open File 7531. **doi: 10.4095/293453**
323. Huntley, D., **Bobrowsky, P.**, Sladen, W., Qing, Z., Hendry, M., Martin, D., Lan, H., Macciato, R., Parry, N., Caston, M., Budd, C., Brasnett, G., Bunce, C. and T. Edwards (2014) Instrumental monitoring, terrain mapping and geophysical investigations of an active landslide near Ashcroft, British Columbia: tools to better understand, engineer and manage the risks of railway ground hazards. *Annual Meeting of the Geological Association of Canada – Mineralogical Association of Canada*, Proceedings with



Abstracts, Volume 37, Fredericton, New Brunswick, Canada 23-25 May 2014  
(Contribution #20150017)

324. VanDine, D., Couture, R. and **P. Bobrowsky** (2014) Canadian Technical Landslide Guidelines and Best Practices for Landslide Professionals – An Update. *Geohazards 6 Conference*, Queens University, Kingston, Ontario, Canada 15-18 June 2014, 8 pages **doi:10.13140/2.1.2549.5688**
325. Macciotta, R., Hendry, M., Martin, D., Elwood, D., Lan, H., Huntley, D., **Bobrowsky, P.**, Sladen, W., Bunce, C., Choi, E. and T. Edwards (2014) Monitoring of the Ripley Slide in the Thompson River Valley, B.C., *Geohazards 6 Conference*, Queens University, Kingston, Ontario, Canada 15-18 June 2014 **doi:10.13140/2.1.2811.7125**
326. Lollino, G., Manconi, A., Guzzetti, F., Culshaw, M., **Bobrowsky, P.** and F. Luino (Editors) (2014) *Engineering Geology for Society and Territory – Volume 5 Urban Geology, Sustainable Planning and Landscape Exploitation*. IAEG XII Congress, September 15-19, 2014 Torino, Italy. Springer Publishing, 2 volumes, 1400 pages.
327. Eder, W. and **P. Bobrowsky** (2014) Promotion of Earth Sciences through Geoparks and World Heritage Sites. *6<sup>th</sup> International UNESCO Conference on Global Geoparks*. Fredericton, New Brunswick, Canada, 19-22 September 2014 (Contribution #20140018)
328. Peppoloni, S., Di Capua, G. and **P. Bobrowsky** (2014) Geoethics: building an ethical framework of reference for research and practice in geosciences. *Annual Meeting of the Geological Society of America*, Vancouver, British Columbia, Canada, 19-22 October 2014 (abstract)
329. Weise, L., Huntley, D. and **P. Bobrowsky** (2014) Geophysical survey results, interpretation and implications for an active landslide in the Thompson River valley, B.C. *Annual Meeting of the Geological Society of America*, Vancouver, British Columbia, Canada, 19-22 October, 2014 (abstract). (Contribution #20150018)
330. **Bobrowsky, P.**, Huntley, D., Hendry, M., Macciotta, R., Martin, D., Elwood, D., Lan, H., Bunce, C., Choi, E. and T. Edwards (2014) Lessons learned from fiber optic monitoring of a landslide. *Annual Meeting of the Geological Society of America*, Vancouver, British Columbia, Canada, 19-22 October 2014 (abstract)
331. Errami, E. (and 22 other authors including **P. Bobrowsky**) (2015) Geoheritage and Geoparks in Africa and the Middle East: challenges and perspectives. In: *From Geoheritage to Geoparks: Case Studies from Africa and Beyond*, edited by E. Errami, M. Brocx and V. Semeniuk. p. 3-23, Springer Verlag Publishing. **doi:10.1007/978-3-319-10708-0\_1**
332. VanDine, D., Couture, R., and **P. Bobrowsky** (2015) Canadian Technical Landslide Guidelines and Best Practices for Landslide Professionals. *Roy Shlomon Association of Engineering Geology and the Environment Professional Forum (Time to Face the Landslide Hazard Dilemma: Bridging Science, Policy, Public Safety and Potential Loss)*, Seattle, Washington, USA, 26-27 February 2015 (extended abstract), 4 pages
333. Lintern, D.G., Stacey, C.D., Shaw, J., Koshure, N., Barrie, J.V., **Bobrowsky, P.**, Conway, K., Huntley, D., Kung, R., Middleton, G., Neelands, P., and A. Robertson (2015) CCGS Tully 2014007PGC cruise report. Geological Survey of Canada, Open File 7761, 65 pages **doi:10.4095/296566**

334. Di Capua, G., **Bobrowsky, P.**, Kieffer, S., Peppoloni, S. and S. Tinti (2015) Bringing Geoethics into Society. *European Geophysical Union*. Geophysical Research Abstracts, Volume 17, EGU2015-3343
335. De Wever, P., Alterio, I., Egoroff, G., Cornee, A., **Bobrowsky, P.**, Gerard, C., Duranthon, F., Hill, W., Lalanne, A. and K. Page (2015) Geoheritage, a National Inventory in France. *Geoheritage*, 7:205-247. doi:10.1007/s12371-015-011-2
336. Peppoloni, S., **Bobrowsky, P.** and G. Di Capua (2015) Geoethics: A Challenge for Research Integrity in Geosciences. In: *Integrity in the Global Research Arena*, edited by N.H. Steneck, M. Anderson, S. Kleinert and T. Mayer, p. 287-294, World Scientific Publishing Co. doi: 10.1142/9789814632393\_0035
337. **Bobrowsky, P.**, S. Peppoloni and G. Di Capua (2015) Geoethics in Canada: examining diversity in the geoscientific community. *Annual Meeting of the Geological Society of America*, Baltimore, Maryland, USA, 1-4 November 2015. Abstracts and Programs, Vol 47, No. 7, p. 192 (abstract)
338. **Bobrowsky, P.** (2015) Promoting and Adopting Guidelines of Practice in Canadian Landslide Studies. *Annual Meeting of the Geological Society of America*, Baltimore, Maryland, USA, 1-4 November 2015. Abstracts and Programs, Vol. 47, No. 7, p. 609 (abstract)
339. Cronin, V., Bank, C., **Bobrowsky, P.**, Geissman, J., Kiefer, S., Mogk, D., Palinkas, C., Pappas Maentz, C., Peppoloni, S., and A.M. Ryan (2015) As Ethics is a Core Attribute of Science, So Geoethics Must Be at the Core of Geoscience. *American Geophysical Union Fall Meeting*, San Francisco, USA, 14-18 December 2015 (abstract)
340. **Bobrowsky, P.** and P. de Wever (2015) From Inventories to Tourism: A Global Review of "Geoheritage" Contributions. *Proceedings, Geo Inv 2015, Congres Internationale, Les Inventaires due Geopatrimoine – enjeux, bilans et perspectives (Geoheritage Inventories: Challenges, Achievements and Perspectives)*, Toulouse, France, 22 - 26 September 2015, 7 pages
341. Di Capua, G., **Bobrowsky, P.**, Kieffer, S., Peppoloni, S. and S. Tinti (2016) IAPG - International Association for Promoting Geoethics: an update on activities. *European Geophysical Union*. Geophysical Research Abstracts, Volume 18, EGU2016-6723
342. Di Capua, G., **Bobrowsky, P.**, Kieffer, S., Peppoloni, S. and S. Tinti (2016) International Association for Promoting Geoethics (IAPG): from Brisbane to beyond Cape Town. *35<sup>th</sup> International Geological Congress*, Cape Town, South Africa (abstract)
343. Eder, W. and **P. Bobrowsky** (2016) Pride and Prejudice: 20 Years of Promotion of Earth Sciences through Geoparks and World Heritage Sites. *35<sup>th</sup> International Geological Congress*, Cape Town, South Africa (abstract)
344. **Bobrowsky, P.**, Huntley, D., Lintern, G., Sawai, Y., Tanigawa, K., Shinozaki, T., and J. Goff (2016) Extending the geological record for Cascadia Subduction Zone (CSZ) earthquakes in British Columbia, Canada. *35<sup>th</sup> International Geological Congress*, Cape Town, South Africa (abstract)
345. **Bobrowsky, P.**, Huntley, D., Hendry, M., Macciotta, R., Schafer, M., Journault, J., Zhang, Q., Zhang, X., Lv, Z., Edwards, T., Bunce, C., and E. Choi (2016) Assessing multi-sensor technologies and methods in monitoring landslide movement in Canada. *35<sup>th</sup> International Geological Congress*, Cape Town, South Africa (abstract)

346. Huntley, D., **Bobrowsky, P.**, Zhang, Q., Zhang, X., Lv, Z., Hendry, M., Macciotta, R., Schafer, M., Le Meil, G., Journault, J., and K. Tappenden (2016) An Application of Fibre Sensing Real-Time Monitoring Technology at the Ripley Landslide, near Ashcroft, British Columbia, Canada. In: *69<sup>th</sup> Annual Canadian Geotechnical Society Conference*, GeoVancouver, Vancouver, BC, 13 p.
347. Journault, J., Macciotta, R., Hendry, M., Charbonneau, F., **Bobrowsky, P.**, Huntley, D., Bunce, C., and Edwards, T. (2016) Identification and Quantification of Concentrated Movement Zones within the Thompson River Valley using Satellite InSAR. In: *69<sup>th</sup> Annual Canadian Geotechnical Society Conference*, p. 1-13 GeoVancouver, Vancouver, BC
348. **Bobrowsky, P.**, Huntley, D.H., Lintern, D.G., Sawai, Y., Tanigawa, K., Goff, J. and C. Chague-Goff (2016) New evidence for paleotsunamis along Hecate Strait, British Columbia, Canada. *Annual Meeting of the Geological Society of America*, Denver, Colorado, USA, 25 – 28 September, 2016 (abstract). Abstracts and Programs, Vol. 48, No. 7
349. Lato, M., **Bobrowsky, P.**, Roberts, N., Bean, S., Powell, S., McDougall, S., Brideau, M-A., Stead, D. and D. VanDine (2016) Site Investigation, Analysis, Monitoring and Treatment. *Geological Survey of Canada*, Open File 8114
350. Huntley, D., **Bobrowsky, P.**, Sawai, Y., Tanigawa, K., Goff, J., Chague-Goff, C., Macleod, R., Conway, K., Barrie, V. and G. Lintern (2016) New insight into marine and terrestrial geohazards in north coastal British Columbia. *1<sup>st</sup> International Symposium on Marine Engineering Geology*, Qingdao, China (poster)
351. **Bobrowsky, P.T.** (2016) Canadian Technical Guidelines and Best Practices Related to Landslides. *Geotechnical News*, Vol. 34, No. 4, p. 37-38
352. Huntley, D., **Bobrowsky, P.**, Charbonneau, F., Journault, J., Macciotta, R. and M. Hendry (2017) Innovative landslide change detection monitoring: application of space-borne InSAR techniques in the Thompson River valley, British Columbia, Canada. In: *Advancing Culture of Living with Landslides, Volume 3, Advances in Landslide Technology*, edited by M. Mikos, Z. Arbanas, Y. Yin and K. Sassa, p. 219-229. 4<sup>th</sup> World Landslide Forum (ICL-IPL), Ljubljana, Slovenia 29 May – 2 June 2017
353. Huntley, D., **Bobrowsky, P.**, and M. Best (2017) Combining terrestrial and waterborne geophysical surveys to investigate the internal composition of a very slow-moving landslide near Ashcroft, British Columbia, Canada. In: *Advancing Culture of Living with Landslides, Volume 2 Advances in Landslide Science*, edited by M. Mikos B. Tiwari, Y. Yin, and K. Sassa, p. 179-190. 4<sup>th</sup> World Landslide Forum (ICL-IPL), Ljubljana, Slovenia 29 May – 2 June 2017
354. Margottini, C., **Bobrowsky, P.**, Gigli, G., Ruther, H., Spizzichino, D. and J. Vlcko (2017) Rupestrian world heritage sites: instability investigation and sustainable mitigation. In: *Advancing Culture of Living with Landslides, Volume 1, ISDR-ICL Sendai Partnerships 2015-2016*, edited by K. Sassa, M. Mikos, and Y. Yin, p. 23-50. 4<sup>th</sup> World Landslide Forum (ICL-IPL), Ljubljana, Slovenia 29 May – 2 June 2017
355. Di Capua, G., Peppoloni, S. and **P. Bobrowsky** (2017) The Cape Town Statement on Geoethics. *European Geophysical Union*. Geophysical Research Abstracts, Volume 19, EGU2017-2682

356. Huntley, D., **Bobrowsky, P.**, Parry, N., Bauman, P., Candy, C and M. Best (2017) Ripley Landslide: the geophysical structure of a slow-moving landslide near Ashcroft, British Columbia. *Geological Survey of Canada*, Open File 8062, 66 pages
357. Paliaga, G., Luino, F., Faccini, F., Turconi, L. and **P. Bobrowsky** (2017) Landslide Damming in A High Risk Area. In: *Local Proceedings with Programme*, 4<sup>th</sup> World Landslide Forum (ICL-IPL), Ljubljana, Slovenia 29 May – 2 June 2017, p. 29 (poster)
358. Huntley, D., **Bobrowsky, P.**, Zhang, Q., Zhang, X. and Z. Lv (2017) Fibre Bragg grating and Brillouin optical time domain reflectometry monitoring manual for the Ripley Landslide, near Ashcroft, British Columbia. *Geological Survey of Canada*, Open File 8258, 66 pages
359. Di Capua, G., Peppoloni, S. and **P.T. Bobrowsky** (2017) The Cape Town Statement on Geoethics. *Fast Track 7 Annals of Geophysics*, Volume 60, 6 pages doi:10.4401/ag-7553
360. O'Donnell, R.J., Hawkes, A.D., Lane, C.S., Engelhart, S.E., Horton, B.P., **Bobrowsky, P.**, Sawai, Y., Witter, R.C., Nelson, A.R. and K. Tanigawa (2017) Modern  $\delta^{13}C$  and bulk geochemistry in estuaries along the Cascadia subduction zone and their use in estimating coseismic subsidence. *Annual Meeting of the Geological Society of America*, Seattle, Washington, USA, 22 – 25 October 2017 (abstract)
361. Bartlett, M., Hawkes, A.D., **Bobrowsky, P.**, Sawai, Y., and K. Tanigawa (2017) Quantitative paleoenvironmental reconstructions of past coastal subsidence along the northern margin of the Cascadia Subduction Zone. *Annual Meeting of the Geological Society of America*, Seattle, Washington, USA, 22 – 25 October 2017 (abstract)
362. Huntley, D., **Bobrowsky, P.**, Sawai, Y., Tanigawa, K., Chague-Goff, C. and J. Goff (2017) Geological signature of marine geohazards in coastal northwest British Columbia. *Annual Meeting of the Geological Society of America*, Seattle, Washington, USA, 22 – 25 October 2017 (abstract)
363. Tanigawa, K., Sawai, Y., **Bobrowsky, P.**, Huntley, D., Goff, J. and T. Shinozaki (2017) Geological evidence for tsunamis prior to the 1700 Cascadia earthquake from Vancouver Island, Canada. *Annual Meeting of the Geological Society of America*, Seattle, Washington, USA, 22 – 25 October 2017 (poster)
364. **Bobrowsky, P.**, Huntley, D., Neelands, P., MacLeod, R., Mariampillai, D., Hendry, M., Macciotta, R., Reeves, H. and J.E. Chambers (2017) Ripley Landslide – Canada's premier landslide field laboratory. *Annual Meeting of the Geological Society of America*, Seattle, Washington, USA, 22 – 25 October 2017 (abstract)
365. Tanigawa, K., Sawai, Y., **Bobrowsky, P.**, Huntley, D., Goff and T. Shinozaki (2017) A tsunami deposit from Vancouver Island, Canada – Geological evidence for the penultimate great Cascadia earthquake? *American Geophysical Union, Fall Meeting*, New Orleans, Louisiana, USA, 11 – 15 December 2017 (poster)
366. Peppoloni, S., Di Capua, G., **Bobrowsky, P.T.** and V.S. Cronin (2017) (Editors) Geoethics at the heart of all geoscience. *Fast Track 7 Annals of Geophysics* Volume 60,
367. Journault, J., Macciotta, R., Hendry, M.T., Charbonneau, F., Huntley, D. and **P.T. Bobrowsky** (2017) Measuring displacements of the Thompson River valley landslides, south of Ashcroft, BC, Canada, using satellite InSAR. *Landslides*, 4(10):1-16 <https://doi.org/10.1007/s10346-017-0900-1>

368. **Bobrowsky, P.**, Cronin, V.S., Di Capua, G., Kieffer, S. and S. Peppoloni (2018) The Emerging Field of Geoethics. In: *Scientific Integrity and Ethics in the Geosciences*, edited by Linda C. Gundersen, p. 175-212. AGU-Wiley Special Publications 73, 336 pages
369. Best, M., **Bobrowsky, P.**, Huntley, D., Macciotti, R. and M. Hendry (2018) Integrating Terrestrial and Waterborne ERT Surveys at the Ripley Landslide near Ashcroft, British Columbia. *31<sup>st</sup> SAGEEP (Environmental and Engineering Geophysical Society)*, Nashville, Tennessee, USA, 25 – 29 March 2018
370. Di Capua, G., Peppoloni, S. and **P. Bobrowsky** (2018) Framing Ethics into Geosciences: The Cape Town Statement on Geoethics. *Earth Sciences for Society Congress*, El Jadida/Marrakech, Morocco, 20 – 24 March 2018 (abstract)
371. Chague, C. and **P. Bobrowsky** (Editors) (2018) Sedimentary Evidence of Geohazards: Challenges and Advances. *Special Issue Sedimentary Geology*. <https://doi.org/10.1016/j.sedgeo.2018.10.006>
372. Highland, L. and **P. Bobrowsky** (2018) TXT-tool 0.001-2.1 Landslide Types: Descriptions, Illustrations and Photos. In: *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools, Volume 1: Fundamentals, Mapping and Monitoring*, edited by K. Sassa, F. Guzzetti, H. Yamagishi, Z. Arbanas, N. Casagli, M. McSaveney and K. Dang. Springer International Publishing, p. 1-38. [https://doi.org/10.1007/978-3-319-57774-6\\_1](https://doi.org/10.1007/978-3-319-57774-6_1)
373. Peppoloni, S., Di Capua, G., **Bobrowsky, P.**, Kieffer, S. and S. Tinti (2018) IAPG – International Association for Promoting Geoethics: Let's Take Stock of the Situation. *European Geophysical Union. Geophysical Research Abstracts*, Volume 20, EGU2018-4513
374. Huntley, D., **Bobrowsky, P.**, Mosher, D., Clague, J., Roberts, N. and G. Lintern (2018) Marine Geology and Landslides of the Central Salish Sea (8<sup>th</sup> International Symposium on Marine Mass-movements and Their Consequences Field Excursion Guidebook); Geological Survey of Canada, Open File 8405, 77 pages
375. Bird, A., Mariampillai, D., Lintern, G., Onsel, E., MacLeod, R., Cassidy, J., **Bobrowsky, P.T.**, Stead, D., and G. Williams-Jones (2018) The use of Virtual Reality Technology in the Examination of Three-Dimensional Submarine Landslide Data. *8<sup>th</sup> ISSMMTC* (International Symposium on Submarine Mass Movements and Their Consequences), 7-9 May, Victoria, BC (poster)
376. Huntley, D., **Bobrowsky, P.** and G. Lintern (2018) Tsunami generation from slope failures near Kitimat Fjord. *8<sup>th</sup> ISSMMTC* (International Symposium on Submarine Mass Movements and Their Consequences), 7-9 May, Victoria, BC (abstract)
377. Huntley, D., **Bobrowsky, P.**, Stead, D., Donati, D. and R. MacLeod (2018) Extending the terrestrial depositional record of marine geohazards near Kitimat, coastal northwest British Columbia. *8<sup>th</sup> ISSMMTC* (International Symposium on Submarine Mass Movements and Their Consequences), 7-9 May, Victoria, BC (abstract)
378. **Bobrowsky, P.**, Huntley, D., MacLeod, R., Niemann, O., Hendry, M. and R. Macciotta (2018) Ensuring Resource Transport Safety: Monitoring Critical Infrastructure with UAV Technology. *RFG2018 – Resources for Future Generations Conference*, Vancouver, BC, Canada 16 – 21 June 2018 (abstract)

379. **Bobrowsky, P.**, Peppoloni, S., Di Capua, G. and D. Huntley (2018) Advances in Geoethical Practice: the role of standards in geohazards studies. *RFG2018 – Resources for Future Generations Conference*, Vancouver, BC, Canada 16 – 21 June 2018 (abstract)
380. Huntley, D., **Bobrowsky, P.**, Hendry, M., Macciotta, R. and J. Journault (2018) Change detection monitoring with InSAR in the Thompson River valley, British Columbia, Canada. *RFG2018 – Resources for Future Generations Conference*, Vancouver, BC, Canada 16 – 21 June 2018 (abstract)
381. **Bobrowsky, P.T.** and B. Marker (2018) (Editors) *The Encyclopedia of Engineering Geology*. Springer International Publishing, 978 pages.
382. **Bobrowsky, P.T.** (2018) Avalanche. In: *The Encyclopedia of Engineering Geology*, edited by P. Bobrowsky and B. Marker. Springer International Publishing, p. 47-48.
383. **Bobrowsky, P.T.** (2018) Aggregate. In: *The Encyclopedia of Engineering Geology*, edited by P. Bobrowsky and B. Marker. Springer International Publishing, p. 18.
384. **Bobrowsky, P.T.** (2018) Aggregate Tests. In: *The Encyclopedia of Engineering Geology*, edited by P. Bobrowsky and B. Marker. Springer International Publishing, p. 19-20.
385. **Bobrowsky, P.T.** (2018) Boulders. In: *The Encyclopedia of Engineering Geology*, edited by P. Bobrowsky and B. Marker. Springer International Publishing, p. 73.
386. Rodriguez, J., Hendry, M., Macciotta, R., **Bobrowsky, P.** and D. Huntley (2018) High-Frequency Displacement Data for Detailed Analysis of the Relationship Between Precipitation and Landslide Kinematics – The Ripley and 10-Mile Slides. In: *71<sup>st</sup> Annual Canadian Geotechnical Society Conference*, GeoEdmonton, Edmonton, Alta, Canada, 23 – 27 September 2018
387. Sattler, K., Elwood, D., Hendry, M.T., Macciotta, R., Huntley, D., **Bobrowsky, P.T.** and P.I. Meldrum (2018) Real-time Monitoring of Soil Water Content and Suction with a Slow Moving Landslide. In: *71<sup>st</sup> Annual Canadian Geotechnical Society Conference*, GeoEdmonton, Edmonton, Alta, Canada, 23 – 27 September 2018, 8 pages
388. **Bobrowsky, P.**, Huntley, D., MacLeod, R., Lintern, G. and O. Niemann (2018) Using Unmanned Aerial Vehicles for Mapping and Monitoring of Landslides in British Columbia, Canada. *XIII<sup>th</sup> IAEG Congress/AEG 2018 Annual Meeting*. 15-23 September, San Francisco, California, USA (abstract)
389. Huntley, D., **Bobrowsky, P.**, MacLeod, R., and N. Roberts (2018) New insights into form and function of very slow – moving landslides from bathymetric surveys in the Thompson River Valley, British Columbia. *Annual Meeting of the Geological Society of America*, Indianapolis, Indiana, USA, 4 - 7 November 2018 (abstract)
390. Huntley, D., **Bobrowsky, P.**, Hendry, M., Macciotta, R., Elwood, D., Sattler, K., Reeves, H.J., Chambers, J.E., Meldrum, P., Holmes, J. and P. Wilkinson (2018) Using multi-dimensional ERT modelling to provide new insight into the hydrogeological structure of a very slow-moving landslide in glacial sediments, Thompson River Valley, British Columbia, Canada. *Annual Meeting of the Geological Society of America*, Indianapolis, Indiana, USA, 4 – 7 November 2018 (abstract)
391. Holmes, J., Chambers, J., Donohue, S., Uhlemann, S., Wilkinson, P., Meldrum, P., Swift, R., Huntley, D. and **P. Bobrowsky** (2018) The Use of Near Surface Geophysical

- Methods for Assessing the Condition of Transport Infrastructure. CERI2018 – Civil Engineering in Ireland Conference, Dublin, Ireland, 29-30 August, 6 pages
392. Brillon, C., Cassidy, J.F., Nykolaishen, L., Allen, T.I., Bednarski, J.M., Greene, P., **Bobrowsky, P.T.** and D.H. Huntley (2018) Assessment of seismic hazards in British Columbia's north coast region (2014-2018). Geological Survey of Canada, Open File 8461, 19 pages <https://doi.org/10.4095/313286>
  393. Lintern, D. G., Mosher, D.C., Moscardelli, L.G., **Bobrowsky, P.T.**, Campbell, C., Chaytor, J.D., Clague, J.J., Goergioupolou, A., Lajeunesse, P., Normandeau, A., Piper, D.J.W. Scherwath, M., Stacey, C. and D. Turmel (2019) (Editors) *Subaqueous Mass Movements and Their Consequences: Assessing Geohazards, Environmental Implications and Economic Significance of Subaqueous Landslides*. Geological Society of London Special Publication 477 <https://doi.org/10.1144/SP477.40>
  394. Huntley, D., **Bobrowsky, P.**, Goff, J., Chague-Goff, C., Stead, D., Donati, D. and D. Mariampillai (2019) Extending the terrestrial depositional record of marine geohazards in coastal northwest British Columbia. In: *Subaqueous Mass Movements and Their Consequences: Assessing Geohazards, Environmental Implications and Economic Significance of Subaqueous Landslides*, edited by D.G Lintern, D.C. Mosher, L.G. Moscardelli, P.T. Bobrowsky, C. Campbell, J.D. Chaytor, J.J. Clague, A. Goergioupolou, P. Lajeunesse, A. Normandeau, D.J.W. Piper, M. Scherwath, C. Stacey and D. Turmel. Geological Society of London Special Publication 477, 14 p.
  395. Lintern, G., Blais-Stevens, A., **Bobrowsky, P.**, Conway, K., Huntley, D., Mackillop, K., Overeem, I., Shaw, J., Stacey, C. and P. Hill (2019) Providing Multidisciplinary Science Advice for Coastal Planning in Kitimat Arm, British Columbia. In: *Subaqueous Mass Movements and Their Consequences: Assessing Geohazards, Environmental Implications and Economic Significance of Subaqueous Landslides*, edited by D.G Lintern, D.C. Mosher, L.G. Moscardelli, P.T. Bobrowsky, C. Campbell, J.D. Chaytor, J.J. Clague, A. Goergioupolou, P. Lajeunesse, A. Normandeau, D.J.W. Piper, M. Scherwath, C. Stacey and D. Turmel. Geological Society of London Special Publication 477, 34 p.
  396. Paliaga, G., Faccini, F., Luino, F., Turconi, L. and **P. Bobrowsky** (2019) Geomorphic processes and risk related to a large landslide dam in a highly urbanized Mediterranean catchment (Genova, Italy). *Geomorphology*, 327:48-61.
  397. Dominguez-Cuesta, M.J., Lopez-Fernandez, C., Gonzalez-Pumariega, P., Valenzuela, P., Marigil, M.A., Jimenez-Sanchez, M., Mora, M., Ballesteros, D., Rodriguez-Rodriguez, L., Melendez, M.L., Glor, G., Espadas, C., Zezere, J.L., Oliveira, S.C., Alcantara, J. and **P.T. Bobrowsky** (2019) Slope instability as a proxy of Catabrian Coast retreat (N Iberia): a multidisciplinary approach. European Geophysical Union. *Geophysical Research Abstracts*, Volume 21, EGU2021-9729
  398. Bartlett, M.K., Hawkes, A.D., Cahill, N., O'Donnell, R., Lane, C., **Bobrowsky, P.**, Sawai, Y., Tanigawa, K. and T. Shinozaki (2019) New Bayesian quantitative paleoenvironmental reconstructions of AD 1700 coastal subsidence along the northern margin of the Cascadia subduction zone. *20<sup>th</sup> Congress of INQUA*, Dublin, Ireland, Abstract, Poster 3035
  399. Porter, M., Barlow, P., Van Hove, J., Bunce, C., Skirrow, R., Lweycky, D., Froese, C. and **P. Bobrowsky** (2019) The estimated impacts of prairie landslides in western Canada. In: *72<sup>nd</sup> Annual Canadian Geotechnical Society Conference*, GeoStJohn's, St. John's, Nfld, Canada, September 2019

400. Huntley, D., **Bobrowsky, P.**, Elwood, D., Sattler, K., Holmes, J., Chambers, J., Meldrum, P., Wilkinson, P., Hendry, M. and R. Macciotta (2019) Prime installation in Canada: protecting national railway infrastructure by monitoring moisture in an active landslide near Ashcroft, British Columbia. *SAGGEP 20019 – 32<sup>nd</sup> Annual Symposium on the Application of Geophysics to Engineering and Environmental Problems*. Portland, Oregon, USA, March 2019
401. Huntley, D., **Bobrowsky, P.**, Hendry, M., Macciotta, R., Elwood, D., Sattler, K., Best, M., Chambers, J. and P. Meldrum (2019) Application of multi-dimensional electrical resistivity tomography datasets to investigate a very slow-moving landslide near Ashcroft, British Columbia, Canada. *Landslides* 16(5):1033-1042  
<https://doi.org/10.1007/s10346-019-01147-1>
402. Huntley, D., **Bobrowsky, P.**, Hendry, M., Macciotta, R. and M. Best (2019) Multi-technique geophysical investigation of a very slow-moving landslide near Ashcroft, British Columbia. *Journal of Environmental and Engineering Geophysics* 24(1):87-110
403. Huntley, D., **Bobrowsky, P.**, MacLeod, R., Cocking, R., Jamel, J., Sattler, K., Elwood, D., Holmes, J., Chambers, J., Meldrum, P., Wilkinson, P., Hendry, M., and R. Macciotta (2019). Prime Installation in Canada: Protecting National Railway Infrastructure by Monitoring Moisture in an Active Landslide near Ashcroft, British Columbia. *Geological Survey of Canada*, Open File 8548, poster.
404. Peppoloni, S., Di Capua, G., **Bobrowsky, P.**, Kieffer, S. and S. Tinti (2019) New Advances on geoethics: the activities of the IAPG – International Association for Promoting Geoethics. European Geophysical Union. *Geophysical Research Abstracts*, Volume 21, p. 1-1, EGU2019-2322
405. Huntley, D.H., **Bobrowsky, P.**, MacLeod, R., Cocking, R., Jamel, J. and D. Rotheram-Clarke (2019) Canadian Geoscience Map: Ripley Landslide, Thompson River Valley, British Columbia, Canada. *Annual Meeting of the Geological Society of America*, Phoenix, Arizona, USA, 22 - 25 September 2019 (abstract #339684)
406. Huntley, D.H., Holms, J., Chambers, J., Donahue, S., Meldrum, P., Wilkinson, P., Elwood, D., Sattler, K., Hendry, M., Macciotta, R., **Bobrowsky, P.**, Cocking, R., Jamel, J. and D. Rotheram-Clarke (2019) New advances in near-surface electrical resistivity tomography: understanding the hydrogeological properties and behavior of a very slow-moving landslide in the semi-arid Thompson River Valley, British Columbia, Canada. *Annual Meeting of the Geological Society of America*, Phoenix, Arizona, USA, 22 - 25 September 2019 (abstract #339569)
407. Chambers, J.E., Meldrum, P., Wilkinson, P.B., Uhlemann, S., Watlet, A., Swift, R.T., Inauen, C., Gunn, D., Juras, O., Boyd, J., Whiteley, J., Homes, J., Huntley, D., **Bobrowsky, P.T.**, Ramesh, M.V., Thirugnanam, H., Glendinning, S., Reeves, H., Donohue, S. and A.M. Binley (2019) Towards an improved geotechnical understanding of landslide hazard from ground-based geophysical survey and monitoring. *American Geophysical Union*, 2019 Fall Meeting, 9-13 December, San Francisco, California, USA. (abstract #532508)
408. Holmes, J., Chambers, J., Wilkinson, P., Meldrum, P., Donohue, S., Huntley, D. and **P. Bobrowsky** (2019) The use of near-surface geophysics for monitoring a slow-moving landslide affecting transport infrastructure. *Geophysical Research Abstracts* Vol. 21, p. 1-1, 1 p.



409. **Bobrowsky, P.** (2019) Message from Peter Bobrowsky – President of the International Consortium on Landslides (ICL). *Landslides* 16:3-4. DOI 10.1007/s10346-018-1077-y
410. **Bobrowsky, P.** (2019) ICL/IPL awards-call for nominations. *Landslides* 16:2509-2510. DOI 10.1007/s10346-019-01318-0
411. Sassa, K., Dang, K., Guzetti, F., Casagli, N., Tiwari, B., Mikos, M., Vilimek, V., **Bobrowsky, P.**, Konagai, K., Arbanas, Z., Mihalic Arbanas, S., Lu, P., Sasahara, K., Alcantara-Ayala, I., Strom, A., Hendry, M., Yamagishi, H., Tofani, V., Cuomo, S., Fathani, F., Klimes, J., Wang, F., Rechenbach, P., Gokceoglu, C., Higaki, D. and T. Koyama (2019) Invited and accepted speakers of the Fifth World Landslide Forum in Kyoto, 2020. *Landslides* 16:431-446.
412. Holmes, J., Chambers, J., Wilkinson, P., Meldrum, P., Donohue, S., Huntley, D. and **P. Bobrowsky** (2019) The use of near-surface geophysics for monitoring a slow-moving landslide affecting transport infrastructure. *Geophysical Research Abstracts*, Vol. 21, p. 1-1
413. Sassa, K., Guzetti, F., Casagli, N., Tiwari, B., Mikos, M., Vilimek, V., **Bobrowsky, P.**, and Z. Arbanas (2019) Registered speakers in the Fifth World Landslide Forum. *Landslides* 16:1595-1611.
414. Chambers, J., Wilkinson, P.B., Meldrum, P., Boyd, J., Whiteley, J., Holmes, J., Uhlemann, S., Watlet, A., Swift, R., Inauen, C., Kendall, M., Gunn, D., Juras, O., Huntley, D., **Bobrowsky, P.T.**, Ramesh, M.V., Thirugnanam, H., Glendinning, S., Reeves, H., Donohue, S. and A.M. Binley (2020) Long-term geophysical-geotechnical monitoring of landslide processes. European Geophysical Union. *Geophysical Research Abstracts*, Volume 22, EGU2020-
415. Barth, S., Geertsema, M., Bevington, A.R., Bird, A.L., Clague, J.J., Millard, T., **Bobrowsky, P.T.**, Hasler, A. and H. Liu (2020) Landslide response to the 27 October 2012 earthquake (Mw 7.8), southern Haida Gwaii, British Columbia, Canada. *Landslides* 17:517-526. DOI 10.1007/s10346-019-01292-7
416. Peppoloni, S., Di Capua, G. and **P. Bobrowsky** (2020) School on Geoethics and Natural Issues. European Geophysical Union. *Geophysical Research Abstracts*, Volume 22, EGU2020
417. **Bobrowsky, P.**, Brambati, A., Cavazza, W. and U. Cordani (2020) Attilio Boriani, IUGS Vice-President (1992-1996) and Secretary General (1996-2002) Obituary. *Episodes* 43:847
418. Huntley, D., **Bobrowsky, P.**, Holmes, J., Chambers, J., Meldrum, P., Wilkinson, P., Donohue, S., Elwood, D., Sattler, K., Hendry, M. and R. Macciotta (2020) Mapping and monitoring a very slow-moving landslide: Risk Reduction in the Thompson River valley, British Columbia. *36<sup>th</sup> International Geological Congress*, New Delhi, India (abstract)
419. Goff, J., **Bobrowsky, P.**, Huntley, D., Sawai, Y. and K. Tanagawa (2020) A review of paleotsunamis along Canada's Pacific coast. *Quaternary Science Reviews* 237(2020): 38 pages
420. Huntley, D., Rotheram, D., **Bobrowsky, P.**, Lintern, G., MacLeod, R. and C. Brillon (2020) InSAR investigation of sackung-like features and debris flows in the vicinity of Hawkesbury Island and Hartley Bay, British Columbia. In: *Proceedings of the 2020 International Symposium on Slope Stability in Open Pit Mining and Civil Engineering*,

edited by P.M. Dight. Australian Centre for Geomechanics, Perth, pp. 207-226  
[https://doi.org/10.36487/ACG\\_repo/2025\\_09](https://doi.org/10.36487/ACG_repo/2025_09)

421. Huntley, D., Rotheram-Clarke, D., Cocking, R., Joseph, J. and **P. Bobrowsky** (2020) Understanding plateau and prairie landslides: research plans for the Thompson River valley, British Columbia and the Assiniboine River valley, Manitoba-Saskatchewan (2020-2025). *Geological Survey of Canada*, Open File 8743, 25 pages  
<https://doi.org/10.4095/327127>
422. Huntley, D., **Bobrowsky, P.**, Cocking, R., Joseph, J., Neelands, P., MacLeod, R., Rotheram-Clarke, D., Usquin, R., and F. Verluise (2020) Installation, operation and evaluation of an innovative global navigation satellite system monitoring technology at Ripley Landslide and South Slide near Ashcroft, British Columbia. *Geological Survey of Canada*, Open File 8742, 36 pages <https://doi.org/10.4095/327125>
423. Huntley, D., **Bobrowsky, P.**, Rotheram-Clarke, D., Cocking, R. and J. Joseph (2020) Understanding prairie landslides: current research in the Assiniboine River valley, Manitoba-Saskatchewan (2019-2020). *Geological Survey of Canada*, Open File 8735, 24 pages <https://doi.org/10.4095/326821>
424. Huntley, D., **Bobrowsky, P.**, Rotheram-Clarke, D., MacLeod, R., Cocking, R., and J. Joseph (2020) Understanding plateau landslides: current research in the Thompson River valley, Interior Plateau, British Columbia (2013-2020). *Geological Survey of Canada*, Open File 8736, 58 pages <https://doi.org/10.4095/326830>
425. Huntley, D., Holms, J., **Bobrowsky, P.**, Chambers, J., Meldrum, P., Wilkinson, P., Donohue, S., Elwood, D., Sattler, K., Hendry, M., Macciotta, R. and N. Roberts (2020) Hydrogeological and geophysical properties of the very slow-moving Ripley Landslide, Thompson River valley, British Columbia. *Canadian Journal of Earth Sciences* 57(12):1371-1391
426. Sattler, K., Elwood, D., Hendry, M.T., Huntley, D., Homes, J., Wilkinson, P.B., Chambers, J., Donohue, S., Meldrum, P.I., Macciotta, R. and **P.T. Bobrowsky** (2021) Quantifying the contribution of matric suction on changes in stability and displacement rate of a translational landslide in glaciolacustrine clay. *Landslides* (in press)
427. Huntley, D., Holms, J., Rotheram-Clarke, D., MacLeod, R., Cocking, R., Jamel, J., **Bobrowsky, P.**, Donohue, S., Chambers, J., Meldrum, P., Wilkinson, P., Hendry, M. and R. Macciotta (2021) Protecting Canada's Railway Network using Remote Sensing Technologies. In: *Advances in Remote Sensing for Infrastructure Monitoring*, edited by V. Singhroy, Springer International Publishing, p. 81-109.
428. Di Capua, G., **Bobrowsky, P.T.**, Kieffer, S.W. and C. Palinkas (2021) (Editors) *Geoethics: Status and Future Perspectives*. Geological Society of London, Special Publication 508.
429. Di Capua, G., **Bobrowsky, P.T.**, Kieffer, S.W. and C. Palinkas (2021) Introduction: geoethics goes beyond the geoscience profession. In: *Geoethics: Status and Future Perspectives*, edited by G. Di Capua, P.T. Bobrowsky, S.W. Kieffer and C. Palinkas, Geological Society of London, Special Publication 508, pp. 1 - 11.
430. Sassa, K., Mikos, M., Sassa, S., **Bobrowsky, P.T.**, Takara, K. and K. Dang (2021) (Editors) *Understanding and Reducing Landslide Risk, Volume 1 Sendai Landslide Partnerships and Kyoto Landslide Commitment*, Springer Nature, 641 pages

431. Guzzetti, F., Arbanas, S.M., Reichenbach, P., Sassa, K. and **P.T. Bobrowsky** (2021) (Editors) Understanding and Reducing Landslide Risk, Volume 2 From Mapping to Hazard and Risk Zonation, Springer Nature, 504 pages
432. Casagli, N., Tofani, V., Sassa, K., **Bobrowsky, P.T.** and K. Takara (2021) (Editors) Understanding and Reducing Landslide Risk, Volume 3 Monitoring and Early Warning. Springer Nature, 361 pages
433. Tiwari, B., Sassa, K., **Bobrowsky, P.T.** and K. Takara (2021) (Editors) Understanding and Reducing Landslide Risk, Volume 4 Testing, Modeling and Risk Assessment. Springer Nature, 506 pages
434. Vilimek, V., Wang, F., Strom, A., Sassa, K., **Bobrowsky, P.T.** and K. Takara (2021) (Editors) Understanding and Reducing Landslide Risk, Volume 5 Catastrophic Landslides and Frontiers of Landslide Science. Springer Nature, 427 pages
435. Arbanas, Z., **Bobrowsky, P.T.**, Konagai, K., Sassa, K. and K. Takara (2021) (Editors) Understanding and Reducing Landslide Risk, Volume 6 Specific Topics in Landslide Science and Applications. Springer Nature, 407 pages
436. Sassa, K., **Bobrowsky, P.T.**, Takara, K. and B. Rouhban (2021) Kyoto 2020 Commitment for Global Promotion of Understanding and Reducing Landslide Disaster Risk. In: *Understanding and Reducing Landslide Disaster Risk*, Volume 1 Sendai Landslide Partnerships and Kyoto Landslide Commitment, edited by Sassa, K., Mikos, M., Sassa, S., Bobrowsky, P.T., Takara, K. and K. Dang, Springer, pp. 145-153.
437. Sassa, K., **Bobrowsky, P.T.** and K. Takara (2021) International Consortium on Landslides (ICL) Proposing and Host organization of SLP2015-2025 and KLC2020. In: *Understanding and Reducing Landslide Disaster Risk*, Volume 1 Sendai Landslide Partnerships and Kyoto Landslide Commitment, edited by Sassa, K., Mikos, M., Sassa, S., Bobrowsky, P.T., Takara, K. and K. Dang, Springer, pp. 155-161.
438. Chambers, J., Meldrum, P., Wilkinson, P., Holmes, J., Huntley, D., **Bobrowsky, P.T.**, Gunn, D., Uhlemann, S. and N. Slater (2021) Long- term geophysical monitoring of moisture driven landslide processes. In: *Understanding and Reducing Landslide Risk, Volume 3 Monitoring and Early Warning*, edited by Casagli, N., Tofani, V., Sassa, K., Bobrowsky, P.T. and K. Takara. Springer, p. 67-74
439. Tanigawa, K., Sawai, Y., **Bobrowsky, P.**, Huntley, D., Goff, J., Shinozaki, T. and I. Kazumi (2021) Revised chronology of event deposits before the 1700 Cascadia tsunami layers from the southwest coast of Vancouver Island, Canada. *Annual Meeting of the Geological Society of America*, Portland, Oregon, USA, 10 - 13 October 2021 (abstract #368916)
440. Sawai, Y., Tanigawa, K., Shinozaki, T., **Bobrowsky, P.**, Huntley, D., Goff, J. and B. Sherrod (2021) Diatom (Bacillariophyceae) assemblages in tidal environments of Vancouver Island (Canada) and Discovery Bay (USA). *Phycological Research* 70(1):3-21
441. Huntley, D., **P. Bobrowsky**, R. Macleod, R. Cocking, J. Joseph and D. Rotheram-Clarke (2021) Field testing innovative differential geospatial and photogrammetric monitoring technologies in mountainous terrain near Ashcroft, British Columbia, Canada. *Journal of Mountain Science* 18:1-20

442. **Bobrowsky, P.** and K. Sassa (2022) Awards and certificates at the Fifth World Landslide Forum. *Landslides* 19(1):249-262

442.