



Die Bildungskademie des BDG
Berufsverband Deutscher Geowissenschaftler e.V.

www.die-ba-bdg.de



6TH MEGGEN RAW MATERIAL DAYS

ONLINE-CONFERENCE

16 - 18 September 2020



Sachtleben Bergbau
Verwaltungs-GmbH





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Verwaltungs-GmbH*



Day 1

16 September 2020 · 9:00 am – 4:30 pm

RAW MATERIALS, SUSTAINABILITY AND GEOLOGISTS IN PUBLIC PERCEPTION

Raw Material Exploitation and its Public Acceptance in Germany · (Dr. Bodo-Carlo Ehling, Landesamt für Geologie und Bergwesen, Sachsen-Anhalt, Germany)

The EIT Journey Towards Raw Materials Sustainability via Innovation and Education · (Dr. Laurence Lamm, EIT Raw Materials, Germany)

Promotion of a Raw Material Awareness in the Public · (Dr. Hans-Jürgen Weyer, RohstoffWissen e. V., Germany)

Do no Harm - Ethics in Geoscience · (David Ovadia, IAPG, United Kingdom)

Geoethics and Society: Social and Cultural Considerations for the Ethical Practice of Geology (Aaron W. Johnson, AIPG, USA)

CERA – A Holistic Scheme for the Certification of Sustainable Extraction and Processing of Raw Materials · (Dr. Andreas Hucke, DMT, Germany)

CO₂ Geological Storage Potential in Basalts of Volos Region (Central Greece) · (Dr. Petros Koutsovitis, CERTH, Greece)

Being A Good Neighbour: Balancing the Conservation Mission of the National Wildlife Refuge System While Meeting Societal Needs · (Maureen Gallagher, U.S. Fisheries and Wildlife Service, USA)

The Range of Perspectives of American Geologists With Respect to Climate Change: Results of AIPG's National Climate Change Opinion Survey · (Aaron W. Johnson, AIPG, USA)

**Round Table Discussion / BDG-Forum Rohstoffgeologen
Ind. Presentation** · (EurGeol. Christian Masurenko, Germany)



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Day 2

17 September 2020 · 9:00 am – 3:30 pm

RAW MATERIALS, SUSTAINABILITY AND GEOLOGISTS IN PUBLIC PERCEPTION

German Hydrocarbon Exploration & Production and the Public Acceptance ·
(Michael Blum, Wintershall, Germany)

The Zinnwald Lithium Project - Transferring Legacy Exploration Data into a new Mineral Resources · (Dr. Thomas Dittrich, Deutsche Lithium AG, Germany)

The European Association of Geoscientists and Engineers (EAGE) ·
(Dr. Dirk Orłowski, DMT/EAGE, Germany)

Geothermal Energy and UNFC · (EurGeol. Dr. Janos Szanyi, University of Szeged, Hungary)

ROBOMINERS: Changing the Mining Ground Rules · (EurGeol. Vítor Correia, EFG, Portugal)

Determining Natural Background Concentrations in Surface Waters by the Use of Probability Plots · (Hannsjörg Schuster and Alena Ullmann, Geol. Dienst NRW, Germany)

Mining in Ireland · (EurGeol. Dr. Eibhlin Doyle, DCCAE, Ireland)

The European Geological Surveys in the context of Raw Materials ·
(Dr. Slavko Solar, EuroGeoSurveys, Belgium)

Mineral Resources of Sweden · (EurGeol. Magnus Johansson, Sweden)

Development of Multi Directional Drilling Rigs · (Dan Lingenauber, Tracto-Technik, Germany)



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Day 3

18 September 2020 · 9:00 am – 4:00 pm / Short Course

MINERAL EXPLORATION VIA SATELLITE REMOTE SENSING

Lecturer: EurGeol. Dr. Arda Arcasoy

Arcasoy Consulting & Eng. Inc., Turkey

This seminar explains the use of remote sensing and remotely sensed data in mineral exploration and in geology. The basic principles of satellite remote sensing will be explained in the mineral exploration context. A general approach in mineral exploration will be adapted in satellite remote sensing with several techniques especially in metallic mineral exploration. Basic techniques in identifying the mineral assemblages in different types of mineralization have all been studied with different satellites, sensors and systems over more than 4 decades. This seminar also deals with the satellite systems, their capabilities, techniques and applications on mineral exploration.

With this seminar, the participant/user will be aware of what remote sensing is, of a very brief history on how and why this instrument has been developed, of the components of remote sensing, and of the application of satellite image processing techniques in different minerals, detection limits, statistical techniques and comparing the advantages and disadvantages of both satellite images and the detection techniques.



*Training course endorsed by the
European Federation of Geologists*

<input type="checkbox"/>	Online-Conference day 1 16 September 2020 9:00 am – 4:30 pm	Sessions “Raw Materials, Sustainability and Geologists in Public Perception”			
<input type="checkbox"/>	Registration fee 195 EUR	<input type="checkbox"/>	BDG Members/ EurGeol. fee 155 EUR	<input type="checkbox"/>	Members of cooperating organisations* 175 EUR
<input type="checkbox"/>	Online-Conference day 2 17 September 2020 9:00 am – 3:30 pm	Sessions “Raw Materials, Sustainability and Geologists in Public Perception”			
<input type="checkbox"/>	Registration fee 195 EUR	<input type="checkbox"/>	BDG Members/ EurGeol. fee 155 EUR	<input type="checkbox"/>	Members of cooperating organisations* 175 EUR
<input type="checkbox"/>	Online-Seminar day 18 September 2020 9:00 am – 4:00 pm	Shourt Course “Mineral Exploration via Satellite Remote Sensing”			
<input type="checkbox"/>	Registration fee 195 EUR	<input type="checkbox"/>	BDG Members / EurGeol. fee 155 EUR	<input type="checkbox"/>	Members of cooperating organisations* 175 EUR
<p>When booking multiple days the fee will be reduced by 50 % per additional booked event. The number of participants is limited. 10 % early bird rebate by registration before 19 June 2020.</p> <p>Deadline for registration: 19 August 2020.</p> <p>Cooperating organisations:</p> <p> <input type="checkbox"/> DGGV <input type="checkbox"/> PalGes <input type="checkbox"/> DEUQUA <input type="checkbox"/> DMG <input type="checkbox"/> OGV <input type="checkbox"/> VGöd <input type="checkbox"/> ITVA <input type="checkbox"/> DGG <input type="checkbox"/> VBGU <input type="checkbox"/> DGFZ <input type="checkbox"/> DTTG <input type="checkbox"/> GDMB <input type="checkbox"/> RBV <input type="checkbox"/> GDCh <input type="checkbox"/> EFG </p>					

Name	First Name	Title
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<input type="checkbox"/> I accept the terms and condition (see www.die-ba-bdg.de).		
<input type="checkbox"/> I have read and accept the privacy policy.		
Date, Place	Signature	



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