



IAPGeoethics Newsletter n. 1 (2020)

This is the official newsletter of the IAPG.

It contains news about events, initiatives, publications on Geoethics by the IAPG.

The IAPG is a multidisciplinary, scientific community and aims at creating awareness about application of ethical principles to theoretical and practical aspects of Geosciences. The IAPG is affiliated to the IUGS - International Union of Geological Sciences, AGI - American Geosciences Institute, GSA - Geological Society of America, GSL - Geological Society of London, CFES - Canadian Federation of Earth Sciences, ICPHS - International Council for Philosophy and Human Sciences and has numerous agreement for cooperation with national and international organizations all over the world.

The IAPG is legally recognized as a not-for-profit association, has 2,358 members in 129 countries on 5 continents, and can count on a network of **31 national sections**.

Send any kind of information about geoethics that could be published in the IAPG webpages to: iapgeoethics@aol.com

International Website: <http://www.geoethics.org>

Blog: <http://iapgeoethics.blogspot.it>

IAPG newsletter collection: <http://www.geoethics.org/newsletter.html>

Membership

Becoming an IAPG member is easy! Fill in the form in the IAPG website at <http://www.geoethics.org/membership.html>. No fee is required at this time.

Donation: <http://www.geoethics.org/donations>



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GEOETHICS AT THE EGU2020: SHARING GEOSCIENCE ONLINE

7 May 2020 (8:30-10:15 CEST)



This year EGU General Assembly will take place online, due to the Covid-19 emergency. EGU 2020 will be "EGU2020: Sharing Geoscience Online" (#shareEGU20). EGU has created a page through which you can know more about:

- What are the possibilities for authors?
- What are the possibilities for conveners?
- How can I attend?

Kindly, read carefully information by EGU at:

https://egu2020.eu/sharing_geoscience_online/scientific_sessions.html

"EGU2020: Sharing Geoscience Online" is open to anyone interested and is free of charge.

IAPG sponsors the **Session EOS5.1 Geoethics: how and why should geosciences serve society?**

Convenership: Silvia Peppoloni, Nic Bilham, Daniel De Miguel, Eduardo Marone, Susanne Schneider, Giuseppe Di Capua

33 abstracts were submitted and authors have the possibility to upload presentation materials in addition to their abstracts (already available) from 1 April to 31 May 2020.

The list of authors and abstracts is available below or at:

<https://meetingorganizer.copernicus.org/EGU2020/displays/34764>

Materials uploaded by authors will be displayed till 31 May 2020.

You may join this session on Thursday, 7 May 2020, 08:30–10:15 (CEST), for a text-based chat session. Authors and attendees can actively discuss the presentation materials. Chats will not be recorded so that an open discussion is stimulated. There will be no live presentations or streaming for sessions.

You may invite your colleagues to take part to our online session. Read here for more information on how to attend:

https://egu2020.eu/sharing_geoscience_online/scientific_sessions.html

Geoscientists as social and political actors

Union Symposium 1 at the EGU 2020: Sharing Geoscience Online

Co-sponsored by AGI, AGU, AOGS, GSA, GSL, and JpGU

4 May 2020 (16:15-17:45 CEST)



Silvia Peppoloni (IAPG Secretary General) has been invited by Alberto Montanari (EGU President) to give a talk at the [Union Symposium 1 "Best practices for scientific integrity and scientific freedom in an age of pandemics - and beyond"](#), that will be held at the EGU 2020: Sharing Geoscience Online on **4 May, from 16:15 to 17:45 (CEST)**.

Convenership: Alberto Montanari, Robin Bell, Hodaka Kawahata, J. Douglas Walker. The other confirmed speakers are: Jonathan Bamber, Chris McEntee, Claudia Jesus-Rydin.

The title of Silvia's talk is **"Geoscientists as social and political actors"**.

Here her abstract:

Geoscientists are at the fare front of informing on and supporting society to face global anthropogenic changes, at all levels. This requires making excellent science, in the full awareness of one's role towards society. Research integrity and professionalism are the bedrock on which the individual geoscientist can develop a deep sense of responsibility and build a functional science-society relationship, being conscious of the ethical obligations that this implies. It is precisely within the dyad individual-society that the utmost ethical and social value of the activity of geoscientists is achieved, as in this context they assume at the same time the dual role of moral subjects and social actors, and consequently can realize the meaning of being active and responsible subjects in the service of the human beings. In order to achieve this goal, each geoscientist should individually strengthen the perception of being: (a) a moral subject, therefore an agent consciously responsible for the own conduct and the ethical and social implications of own actions; (b) a social and political subject, who actively contributes to the construction of the idea of society, to the vision of its future, to its

cultural and economic development, including the creation of a knowledge society based on the democratic value of shared responsibility. Within the ethical framework of reference in which geoscientists are called to act, there is an indispensable prerequisite, that makes possible the responsible action and allows behaving ethically: individual freedom. A cohesive, motivated, and responsible international geoscience community can assure a safe operating space to geoscientists and encourage them to follow best practices and ethical behaviours while conducting their activities, to qualify their work and recognize the value of a responsible action to counter abuses, intimidations and political pressures. This cannot simply be entrusted to codes of ethics and/or conduct, but demands an intense ethical training for the geoscientists, that shows them the numerous circumstances and difficulties that each one might be called upon to face during the scientific and professional career.

More info are available at:

<https://meetingorganizer.copernicus.org/EGU2020/orals/34690>

GEOETHICS & GROUNDWATER MANAGEMENT

Online Congress

18-22 May 2020



Facing the COVID-19 pandemic, the Portuguese public health authority and the Government emitted directives and legislation that drastically restrict mobility, meetings, closure of education installations and non-essential activities, ordered home confinement and working online when possible. This made it impossible to proceed with the IAH+IAPG GEOETH&GWM'20 as a presential Congress. The Organizing Committee anticipated the inevitability of the situation days before. Taking in consideration all options and under the motto "THE SCIENCE MUST GO ON", it was decided, as announced immediately in the congress website, to:

- A) Keep the Congress.
- B) Convert it into a 100% online Congress.
- C) Reduce fees drastically.
- D) Keep the date of 18-22 May 2020.
- E) Keep and reinforce the editorial project to publish the Book of Proceedings by Springer.
- F) Keep the Congress website with updated general information: <https://geoeth-gwm2019.wixsite.com/porto>
- G) Setup a web platform to manage and run the new online Congress sessions with all accepted presentations and full dignity: <https://geoeth-gwm2020.exordo.com>

More info:

<http://iapgeoethics.blogspot.com/2020/04/news-geoethics-groundwater-management.html>

36TH IGC RESCHEDULED



Due to the Covid-19 emergency, IGC organizers decided to postpone the 36th International Geological Congress, initially planned to be held last March.

New dates are: **9-14 November 2020.**

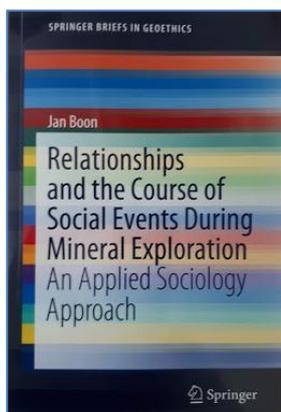
We remind you that IAPG had planned several activities at the 36th IGC (Symposium 1.7 on geoethics, Short Course WSC19 on geoethics, 2nd IAPG General Assembly). Those event will have to be confirmed for new dates.

We will keep informed on progress.

Read more:

<http://www.geoethics.org/36thigc>

THE FIRST BOOK OF THE SPRINGERBRIEFS IN GEOETHICS HAS BEEN PUBLISHED!



We are happy to inform that the first book of the new *SpringerBriefs in Geoethics* sponsored by the IAPG has been published:

Jan Boon (2020). **Relationships and the Course of Social Events During Mineral Exploration - An Applied Sociology Approach.** SpringerBriefs in Geoethics, Springer International Publishing, pp. XIX + 125. ISBN 978-3030379254, doi: 10.1007/978-3-030-37926-1.

This book provides the results of nine case studies of the course of social events in mineral exploration projects (mostly in Latin America). The author concluded that, while each case is sui generis, the underlying sociological processes are the same. This made it possible to develop a generalized model for the course of social events during mineral exploration. It consists of seven stages: (i) arrival of the project; (ii) initial meanings, interpretations and decisions; (iii) real dialogue; (iv) building relationships; (v) change processes; (vi) new relationships and social structures and (vii) the course of social events and perceived benefits and harms. Stages (iii) => (iv) => (v) => (iii) form a continuous iterative cycle. Dialogue and relationships are at the heart of the model. The text describes five of the nine case studies in some detail and illustrates how sociology explains the sociological processes in these projects. These examples, together with the final chapter that discusses the implications, provide many practical pointers for all actors involved: industry, communities, NGOs, home governments and host governments.

Read more about the book in Springer Link:

<https://link.springer.com/book/10.1007/978-3-030-37926-1>



Read the IAPG Foreword by Nic Bilham and Giuseppe Di Capua and the Preface by Jan Boon:

<https://link.springer.com/content/pdf/bfm%3A978-3-030-37926-1%2F1.pdf>

Read more about the *SpringerBriefs in Geoethics*:

<http://www.geoethics.org/springerbriefs-geoethics>

GEOETHICS MEDAL 2020: CALL FOR NOMINATIONS



Purpose

The Geoethics Medal rewards scientists who have distinguished themselves in applying/favouring/assuring ethical approaches in the geoscience research and practice.

Nominations

For the IAPG Geoethics Medal 2020 **nominations should be submitted by 30 June 2020**, by providing the following material about the candidate:

- A CV (about 1 page) and a list of up to 10 selected publications that show the focus on ethical/social/cultural implications in the geoscience work.
- A concise statement of achievements for merits in the geoethical field (no more than 250 words).
- A brief encomium of the candidate and his/her work (no more than 600 words).

Proposals have to be submitted through an email to: iapgeoethics@aol.com, with the subject "**Nomination for the IAPG Geoethics Medal 2020**".

Nominations will be evaluated by an international committee.

IAPG officers (Members of the Executive Council, Coordinators of National Sections, Corresponding Citizen Scientists, Members of Task Groups, Members of the Board of the Young Scientists Club) cannot be nominated for the Geoethics Medal.

Recipients:

2019: Linda Gundersen (USA) (picture on the left)

2018: Chris King (United Kingdom).

More info about the "Geoethics Medal":

<http://www.geoethics.org/geoethics-medal>



VIDEO: GEOETHICS AND GEOLOGICAL RISKS



Silvia Peppoloni, research geologist at the Istituto Nazionale di Geofisica e Vulcanologia, Secretary General of the IAPG talks about geoethical aspects in geological risks.

The video is part of the Intellectual Outputs (IO1) of the European Erasmus+ project GOAL "Geoethics Outcomes and Awareness Learning" (<https://goal-erasmus.eu/>).

IAPG is official partner of the project GOAL.

Watch the video here:

<https://youtu.be/rZSjzOxiGUK>

Other videos in the IAPG YouTube Channel:

<https://www.youtube.com/user/iapgeoethics/videos>

The IAPG section of Turkey



Welcome to the IAPG section of Turkey!

IAPG-Turkey was officially established on 27 November 2019, under the responsibility of **Yüksel Örgün Tutay** (Istanbul Technical University: left photo) and **Dündar Çağlan** (Turkish Chamber of Geological Engineers: right photo).



Read more:

<http://iapgeoethics.blogspot.com/2019/11/the-iapg-section-of-turkey-welcome-to.html>

Other IAPG National sections:

<http://www.geoethics.org/sections>

IAPG-Cameroon has a new co-coordinator



Njilah Isaac Konfor has been appointed new co-coordinator of IAPG-Cameroon. He will lead the section together with the current coordinator, Ndzishepngong Kelvin Ngwang.

Njilah Isaac is a Cameroonian Associate Professor of Geology with expertise in Geochemistry, Environmental Science and Disaster Risk Management. He obtained his MSc and PhD from the University of Leeds (UK), and completed the Advanced Course in Geographical Information System (GIS), GPS and Remote Sensing, and the Advanced Professional training in the

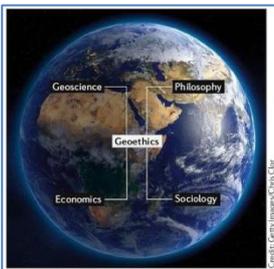
field of Integrated Groundwater Management. He is the Editor of the African Journal of Science and Technology (UNESCO Journal) and the Journal of the Geosciences Society of Cameroon.

Since 1992 till date, he serves as a lecturer in Geology, Geo-environmental Sciences and Geochemistry at the Department of Earth Sciences, University of Yaoundé 1, Cameroon.

Read more:

<http://iapgeoethics.blogspot.com/2019/11/iapg-cameroon-has-new-co-coordinator.html>

SELECTION OF ARTICLES ON GEOETHICS



Mogk, D.W., Bruckner, M.Z. (2020). **Geoethics training in the Earth and environmental sciences**. Nat Rev Earth Environ 1, 81–83. <https://doi.org/10.1038/s43017-020-0024-3>.

Download here:

<https://www.nature.com/articles/s43017-020-0024-3>



Di Capua G. and Peppoloni S. (2019). **Defining geoethics**. Website of the IAPG - International Association for Promoting Geoethics, <http://www.geoethics.org/definition>.

Read here:

<http://www.geoethics.org/definition>



Bohle M. (2020). **Political Geosciences for Citizens of the Anthropocene**. Blog of the IAPG - International Association for Promoting Geoethics, <http://iapgeoethics.blogspot.com/2020/01/political-geosciences-for-citizens-of.html>.

Read here:

<http://iapgeoethics.blogspot.com/2020/01/political-geosciences-for-citizens-of.html>

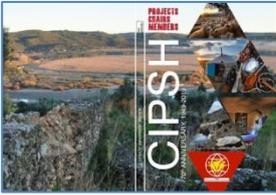


Bellaubí F. and Mallarach J.M. (2020). **A geoethical approach to the territory: the case of the lower Tordera river and Delta, Catalonia, Spain**. Blog of the IAPG - International Association for Promoting Geoethics, <http://iapgeoethics.blogspot.com/2020/04/a-geoethical-approach-to-territory-case.html>.

Read here:

<http://iapgeoethics.blogspot.com/2020/04/a-geoethical-approach-to-territory-case.html>

70th Anniversary of the CIPSH



2019 was the year of the 70th Anniversary of foundation of the CIPSH - International Council for Philosophy and Human Sciences/Conseil International de la Philosophie et des Sciences Humaines (<http://www.cipsh.net/htm/>).

For this anniversary, the CIPSH released a detailed brochure about projects, chairs, and members ([download the brochure here](#)).

The CIPSH is a non-governmental organisation within UNESCO, which federates hundreds of different learned societies in the field of philosophy, human sciences and related subjects.

The IAPG - International Association for Promoting Geoethics is member organization of the CIPSH from August 2017.

Silvia Peppoloni (IAPG Secretary General) is member of the CIPSH Executive Committee.

List of IAPG affiliations and agreements:

<http://www.geoethics.org/affiliations-agreements>

DONATIONS

Donate



SUPPORT THE IAPG, MAKE YOUR DONATION!

IAPG lives through donations and personal funds of its members. Please, **use the following bank coordinates** for your donations:

Bank: UniCredit

Account name: IAPG ONLUS

IBAN: IT07Q0200805070000102550237

BIC/SWIFT: UNCRITM1C25

or make a donation by credit card through PayPal.

Click the button "Donate"

Donations:

<http://www.geoethics.org/donations>





**World Health
Organization**

**Emergency
Coronavirus disease
(COVID-19)
Pandemic**

Website:

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019>

Basic protective measures against the new coronavirus:

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public>



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