



### **IAPGeoethics Newsletter n. 4 (2019)**

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.

The IAPG is legally recognized as a not-for-profit association, has **2,281 members** in **127 countries** on 5 continents, and can count on a network of **30 national sections**.

Send any kind of information about Geoethics that could be published in the IAPG webpages to: [iapgeoethics@aol.com](mailto: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.

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



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## International Geoethics Day

17 October 2019




### *International Geoethics Day 2019*

*17 October 2019*

**SEED TODAY.... FOR THE FUTURE!**

Soil, air and water pollution, land degradation, biodiversity loss, global warming, are among the main threats for human communities. The International Geoethics Day 2019 aims to raise people's awareness and responsibility on anthropogenic global changes, trying to change the way in which we relates to our planet.




In order to celebrate the 3<sup>rd</sup> edition of the International Geoethics Day we ask you to:

- 1) seed or plant something in the ground (trees, flowers, plants, or shrubs);
- 2) use the IAPG label to tag what you have planted (possibly, print it on recycled paper or use the other side of an already printed sheet);
- 3) take a photo and post it on social networks, by using the hashtag "#geoethicsday2019".

In the IAPG label you find this sentence:

***"This is the contribution of the IAPG to make better our future on Earth"***



**#geoethicsday2019**  
<http://www.geoethics.org/geoethics-day>



IAPG officially launched the International Geoethics Day on 12 October 2017, during the Earth Science Week 2017.

The aim of the International Geoethics Day is to raise the awareness of the geoscience community and society as a whole about the importance of ethical, social and cultural aspects of geoscience knowledge, research, practice, education and communication.

The International Geoethics Day is held every year during the Earth Science Week. This year we are also partner of the Global Ethics Day 2019.

[Download the leaflet](#)

[Download the label](#)

Hashtag: **#geoethicsday2019**

Read more:

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



## MinerLima 2019

Lima (Peru), 24-26 October 2019

**5<sup>th</sup> edition**

International Exhibition of Minerals (Feria Internacional de Minerales), organized by IAPG-Peru. Venue: Faculty of Geology, Mining, Metallurgy and Geography engineering from National University of San Marcos - UNMSM (San Miguel District, Lima-Peru). Free entrance. Activities: symposium and conferences on mineralogy, exhibition of mineral samples, geoscience education events, courses, guided tours at the UNMSM mineralogical museum.

Coordinator: *Ciro Bedia* (IAPG-Peru).

MinerLima website: <https://feriamineraleslima.wixsite.com/minerlima>



## **School on Geoethics and Natural Issues (Schola de Geoethica et Naturae Quaestionibus)**

### **Rationale**

The "Schola" is a place for teaching and learning of the principles and values of geoethics in the light of the philosophy and history of Earth sciences. The intent is to provide background knowledge and the evaluation skills necessary to understand the complex relationship between human action on ecosystems and the decisions geoscientists make in the discipline that impact society, including improving the awareness of professionals, students, decision-makers, media operators, and the public on an accountable and ecologically sustainable development.

The "Schola" provides the opportunity to deepen reflection on the sense and social utility of geosciences, analyzing their rational categories, values, possible perspectives, uncertainties and cognitive limits, in order to understand how their modes of action can conform to a specific vision of reality and how that vision can in turn modify the interface of human action with natural reality. But the "Schola" is also a place to learn and develop more responsible strategies, operating procedures and practical actions, that are compatible with respect for socio-ecological systems, the vocation of the territories, including the health and safety of human communities.

### **Aim**

The "Schola" aims to provide excellent education in geoethics, thus promoting the development of a scientific and critical attitude to the knowledge of the Earth and its constituent systems, by fostering a growth of awareness and responsibility towards the planet, education in the values and actions underlying a respect for ecosystems, including responsible use of resources, management of natural risks, reduction of pollution and its repercussions on human health and climate, adaptation to environmental changes, in view of an accountable and ecologically sustainable development.

### **Description**

The "Schola" conforms to the Geoethical Promise and the Cape Town Statement on Geoethics adopted as programmatic and constitutive documents to promote a cultural renewal aimed at favoring ecological humanism.

The "Schola" is a scientific, international, multicultural and multidisciplinary meeting place for research and training on geoethics and the philosophy of Earth sciences.

The "Schola" guarantees quality training, in a continuous and constant process of scientific and professional improvement and updating.

In the pursuit of its objectives, the "Schola" relies on experts from different disciplinary fields, using all the traditional didactic tools to which are added innovative methods that favor the formation of geoethical thinking and stimulate an analytical and critical attitude to understanding of socio-ecological complexity.

### **To whom it is addressed**

The "Schola" is aimed at all those who want to improve their scientific knowledge on the Earth system and to understand the social role geosciences can play in identifying new ways of relating to the planet and the living forms that it hosts. The courses are addressed to different categories of users: they can be useful to both secondary school students and university undergraduate/graduate students in disciplines that deal with the environment from different perspectives (planning, naturalist, geo-biological, landscape, architectural, legislative, educational, cultural and relative to communication). Scholars of the phenomena and processes of the planet (researchers, academics, scientists), as well as those who physically operate in the territories (various types of professionals, geologists, engineers, landscape architects, risk experts, media operators, decision-makers) can find valid support to their scientific and professional preparation in the courses. Finally, the "Schola" is also aimed at the general public and others, including non-experts, who are interested in better understanding the bond that links human communities to ecosystems, within the perspective of responsible development.

Read more about the "Schola":

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



## **Geoethics at the 36<sup>th</sup> IGC**

**International Geological Congress  
Delhi (India), 2-8 March 2020**

**Call for Abstracts  
(new deadline: 31 October 2019)**

Symposium 1.7 (Theme 1 "Geoscience for Society"):  
**Geoethics: Ethical, Social, and Cultural Aspects in Geosciences**



IAPG - International Association for Promoting Geoethics (<http://www.geoethics.org>)

Convenership: Silvia Peppoloni (Italy), Nic Bilham (UK), Peter T. Bobrowsky (Canada), Martin Bohle (Belgium), Vincent S. Cronin (USA), Giuseppe Di Capua (Italy)

Short description (full description: <http://www.geoethics.org/36thigc>):

This symposium, organized by IAPG - International Association for Promoting Geoethics, aims to develop ethical and social discussion on following topics, including case-studies:

- a) Theoretical aspects of geoethics
- b) Research integrity and professional deontology in geosciences
- c) Ethical aspects of geoscience education (including the issue from theory to educational practice) and communication
- d) Geoethics in natural-anthropogenic risk management
- e) Geoethics for responsible use of geo-resources, including legislation, best practices, and social acceptance for mining activities
- f) Geoethics in addressing global societal challenges

Important dates:

- **No abstract submission fee till 31 October 2019**
- Early bird registration: 1 September – 30 November 2019

Read more about the IAPG Symposium 1.7 on Geoethics:

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

Abstract submission:

<https://www.36igc.org/abstract-submission>



## **Geoethics & Groundwater Management: Theory and Practice for a Sustainable Development**

**International Congress IAPG-IAH  
Porto (Portugal), 21-25 October 2019**

**Call for Abstracts  
(deadline: 15 November 2019)**

Groundwater is the most abundant and widespread source of liquid freshwater on the planet. It is also currently a threatened water resource in terms of quantity and quality due to climate and anthropogenic stresses. Meanwhile, there are aquifers that remain untapped in regions or

periods of water scarcity.

The joint event IAPG - International Association for Promoting Geoethics and IAH - International Association of Hydrogeologists will be an excellent occasion for discussing and sharing values, best practices and strategies to manage water resources for a sustainable future.

This International Congress convenes groundwater specialists, scholars and professionals, as well as educators, students, and early career colleagues for discussing theory and practice, sharing values, knowledge, research, educational projects, best practices and strategies aiming at the responsible integrated management of groundwater resources for a resilient and sustainable future.

Major themes:

1 - **Fundamentals of Hydrogeoethics:** Cultures, principles and geoethical values in the philosophy of groundwater resources, legal frameworks, policies, management models, professional practices and citizen action.

2 - **Lessons for a resilient and sustainable future with Hydrogeoethics:** Case studies of geoethics in groundwater science-engineering, profession and management.

3 - **Scientific and humanistic components of Hydrogeoethics:** Education and professional training of geoethics in groundwater management.

Website:

<https://geoeth-gwm2019.wixsite.com/porto>

Abstract submission:

<https://geoeth-gwm2019.wixsite.com/porto/publications>



## Geoethics at the EGU 2020

Vienna (Austria), 3-8 May 2020

**Stay tuned!**

IAPG has proposed several events on geoethics at the EGU General Assembly 2020:

**Session in EOS: Geoethics: how and why should geosciences serve society?**

Convenership: Silvia Peppoloni (Italy), Nic Bilham (UK), Daniel De Miguel (Spain), Eduardo Marone (Brazil), Susanne Schneider-Voss (Austria)

**Session in EOS: Geoethics for facing global challenges: societal and ethical features of practising geosciences**

Convenership: Giuseppe Di Capua (Italy), Martin Bohle (Germany), Vitor Correia (Portugal), Silvia Peppoloni (Italy)

**Short Course: Foundations and Perspectives of Geoethics for Earth, Marine and Atmospheric Sciences**

Convenership: Eduardo Marone (Brazil), Jan Boon (Canada), Giuseppe Di Capua (Italy), Silvia Peppoloni (Italy)

We will keep you informed about abstract submission.

EGU 2020 website: <https://www.egu2020.eu/>

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## **IAPG and NKUA-APRL signed a MoU**

The National and Kapodistrian University of Athens-Applied Philosophy Research Laboratory (NKUA-APRL) and the IAPG signed a Memorandum of Understanding (MoU) on 30 September 2019.

The aim of the MoU is to cooperate on developing empirical and/or theoretical research in the areas of geoethics and bioethics, and to coordinate activities aimed at promoting the discussion on the ethical, social and cultural implications of geosciences and biosciences.

The MoU expresses a mutual desire to cooperate on a range of themes in the field of Geoethics, Bioethics, Environmental Ethics, Philosophy of Geosciences, and Sustainable Development. It helps to assure a continued IAPG – NKUA-APRL cooperation and coordination on issues of common interests, in particular, the following:

- theoretical aspects of geoethics;
- analyses of geoethical and environmental problems and dilemmas, also through case-studies;
- relationships between bioethics and geoethics;
- co-organization of scientific events;
- production of relevant publications.
- extend mutual invitations for academic purposes.

The National and Kapodistrian University of Athens Applied Philosophy Research Laboratory (<http://en.philosophylab.philosophy.uoa.gr/>) was established in 1999 as an autonomous unit in the Department of Philosophy of the University of Athens.

IAPG promotes geoethics through the international collaboration with Associations and Institutions (7 affiliations, 20 agreements for cooperation, 3 partnerships).

Read more about IAPG affiliations, agreements, partnerships:

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

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## 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.
- A **brief encomium** of the candidate and his/her work (1 page).

Proposals have to be submitted through an email to: [iapgeoethics@aol.com](mailto: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 of the Geoethics Medal:

2019: Linda Gundersen (USA)

2018: Chris King (United Kingdom)

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

## Donations

Donate



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

Bank: UniCredit  
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**or make a donation by credit card through PayPal**

Donations:

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



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