



IAPGeoethics Newsletter n. 1 (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 **2,200 members** in **125 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

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>



Website



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Geoethics at the EGU General Assembly 2019

**European Geosciences Union
Vienna (Austria), 7-12 April 2019**



Short Course

SC1.30: "**Foundations of Geoethics for Earth, Marine and Atmospheric Sciences**"

9 April 2019 08:30–10:15; Room -2.31

Speakers: Eduardo Marone, Silvia Peppoloni, Jan Boon, Vitor Correia, Giuseppe Di Capua.

This short course is co-sponsored by IAPG and IOI-TC-LAC - International Ocean Institute Training Centre for Latin America and the Caribbean.

Course: 09 April 2019, 08:30–10:15; Room -2.31.

Programme: <http://www.geoethics.org/egu2019>

Scientific Session

EOS5.2: "**Geoethics: ethical, social and cultural implications of geoscience knowledge, education, communication, research and practice**"

Oral presentations: 12 April 2019, 08:30-12:00; Room L7

Poster presentations: 12 April 2019, 14:00-15:45, attendance 13:30-15:00; Hall X4

Convenership: Silvia Peppoloni, Martin Bohle, Giuseppe Di Capua, Christopher M. Keane, Jonathan Rizzi, Nic Bilham, Vitor Correia.

This session is co-sponsored by IAPG, AGI - American Geosciences Institute, and EFG - European Federation of Geologists.

List of oral and poster presentations:

<http://www.geoethics.org/egu2019>

Video: **Introduction to Geoethics: Definition, Concepts, And Application**

A video just released by the European project GOAL



Silvia Peppoloni (research geologist at the Istituto Nazionale di Geofisica e Vulcanologia, Secretary General of the IAPG - International Association for Promoting Geoethics), introduces the audience to the definition and meaning of geoethics, also from a philosophical point of view; she highlights the main characteristics of geoethics and the concept of responsibility; illustrates the four ethical dimensions of geoethics; describes the themes of geoethics and the fields of its application.



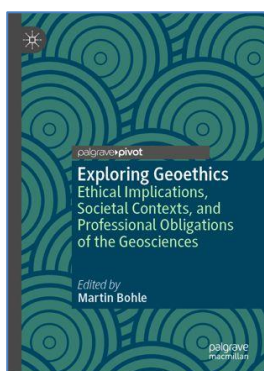
The video is part of the Intellectual Outputs (IO1) of the European Erasmus+ project GOAL "Geoethics Outcomes and Awareness Learning" (<https://goal-erasmus.eu/>).

IAPG is official partner of the project GOAL.

This video in the IAPG YouTube channel:
<https://youtu.be/NX7Gii5adKk>

New book: **Exploring Geoethics**

Ethical Implications, Societal Contexts, and Professional Obligations of the Geosciences



Martin Bohle (Ed.)
2019, Palgrave Pivot, Cham, XIV + 214, ISBN 978-3-030-12009-2

Authors: Martin Bohle, Silvia Peppoloni, Giuseppe Di Capua, Nic Bilham, Eduardo Marone, Rika Preiser

This book explores the potential of geoethics, as designed within the operational criteria of addressing the deeds and values of the human agent as part of the Earth system. It addresses three key questions: i) what should be considered 'geoethics' in an operational sense, ii) what is peripheral to it, and iii) is there a case therefore to establish a denomination, such as geo-humanities or geosophy, to capture a broader scope of thinking about geoscience and its interactions with society and the natural world, for the benefit of the geo-professionals and others.

Read more:
<http://www.geoethics.org/exploring-geoethics>

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

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

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

Geoethics Medal 2018 Ceremony

Chris King awarded in Beijing (China)



On 27th February 2019, in Beijing (China), Silvia Peppoloni (IAPG Secretary General) delivered the Geoethics Medal 2018 to Chris King. Meng Wang (IAPG Coordinator for Asia) attended the ceremony as further representative of the IAPG Executive Council.

Here the video of the ceremony in the IAPG YouTube channel:
<https://youtu.be/ShKJzi9znZ4>

In the motivation of the Geoethics Medal 2018 can be read that *"...Chris King is an excellent example of a geologist who feels and practices his geological activity as a geoethical duty towards society."*

Chris King is Chair of the Commission on Geoscience Education - COGE of the International Union of Geological Sciences - IUGS, Chair of the Committee on Education of the European Geosciences Union - EGU.

Here you can read the full motivation of the Geoethics Medal 2018 to Chris King:

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

Geoethics Medal 2019

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

Nominations should be submitted by **31 July 2019**, by providing the following material about the candidate:

- 1) 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.
- 2) A concise statement of achievements for merits in the geoethical field.
- 3) A brief encomium of the candidate and his/her work (1 page).

Proposals have to be submitted through an email to: iapgeoethics@aol.com, with the subject "Nomination for the IAPG Geoethics Medal 2019".

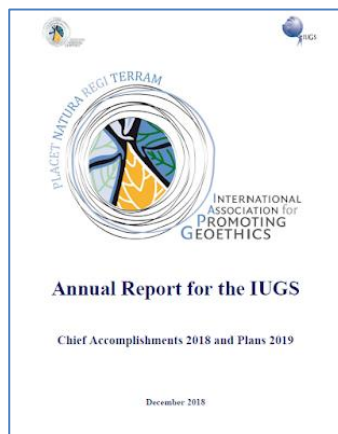
Nominations will be evaluated by an international committee.

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

Website of the Geoethics Medal:

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

IAPG Annual Report 2018 and Plans 2019 for the IUGS



This report includes the overall objectives of the IAPG, relates IAPG goals to overall IUGS scientific objectives, explains how the IAPG has been actively involved with IUGS related activities, illustrates the IAPG structure and organization, its interaction with other international organizations and projects, its chief products, and finally lists the IAPG chief accomplishments 2018 and plans 2019.

On 27th February 2019, Giuseppe Di Capua (IAPG Treasurer) presented the IAPG Annual Report 2018 and Plans 2019 during the IUGS Executive Council Meeting in Beijing (China).

IAPG wishes to thank IUGS for the continuous support to its activities.

IAPG is an affiliated organization of the IUGS - International Union of Geological Sciences (<http://www.iugs.org/>).

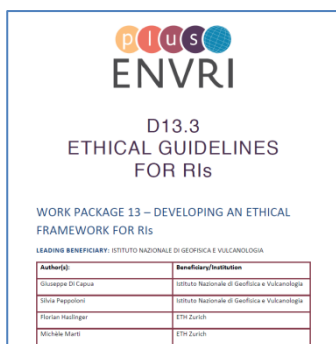


Download the IAPG Annual Report 2018 (pdf):

http://docs.wixstatic.com/ugd/5195a5_26e2cd6d54ab4ce da92e1ae135e06d5e.pdf?index=true

Ethical Guidelines for Research Infrastructures And Ethical Label Template

Two deliverables of the European project ENVRIplus



In the H2020 project ENVRIplus (<http://www.envriplus.eu/>), Silvia Peppoloni (INGV, Italy), Giuseppe Di Capua (INGV, Italy), Florian Haslinger (ETH Zurich, Switzerland) and Michèle Marti (ETH Zurich, Switzerland) realized the **Ethical Guidelines for the European Environmental and Solid Earth Research Infrastructures**. This document, just released, has been shaped on ethical domains indicated in the Cape Town Statement on Geoethics by the IAPG. The Ethical Guidelines are structured in a main section, explicating general ethical values, and a subordinate section, where some delicate matters of interest for Research Infrastructures are discussed from an ethical perspective.

The Ethical Guidelines can be downloaded from the IAPG website:
<http://www.geoethics.org/participation-in-projects>

or from the ENVRIplus project:
<http://www.envriplus.eu/wp-content/uploads/2015/08/D13.3.pdf>



In the same project, the above authors have realized the **Ethical Label Template**, conceived as a tool to highlight the ethical and social peculiarities of "activities, products, and data" (deliverables) undertaken within and/or resulting from a scientific project. The Ethical Label Template can be applicable to any research activity leading to published products, with the long-term goal to improve the way in which (geo)scientists can communicate their scientific and technological achievements both to specialist and not-specialist end-users.

The Ethical Guidelines can be downloaded from the IAPG website:
<http://www.geoethics.org/participation-in-projects>

or from the ENVRIplus project:
<http://www.envriplus.eu/wp-content/uploads/2015/08/D13.2-Ethical-label-template.pdf>

IAPG has cooperated with the Work Package 13 of the ENVRIplus project.

IAPG is partner of the AGU Ethics & Equity Center



IAPG was invited by the American Geophysical Union (AGU) to be part of the first group of partners of the new AGU Ethics and Equity Center.

The AGU Ethics and Equity Center provides resources to educate, promote and ensure responsible scientific conduct and establish tools, practices, and data for organizations to foster a positive work climate in science. The Center can help you meet your ethics goals, whether you are an individual scientist looking for resources or professional ethics development, a leader looking to implement best practices at your organization, or an institution wanting to update your code of conduct. The Center is led by the American Geophysical Union (AGU).

The AGU Ethics and Equity Center advances workplace excellence by providing access to educational tools and resources to help scientists at all career levels and institutions of all sizes. The Center offers resources in the following areas related to ethics and equity in science:

- Leadership Practices
- Research Ethics
- Workplace Climate

Website of the AGU Ethics & Equity Center:

<https://ethicsandequitycenter.org/>

IAPG has become an Observer Organization of the CFES



CFES - Canadian Federation of Earth Sciences (<https://www.cfes-fcst.ca/>) is an umbrella organization that represents a federation of Earth Science societies and associations across Canada. CFES represents about 15000 Earth scientists. Established in 2006 as the successor to the Canadian Geoscience Council, CFES brings together 13 organizations of Earth scientists in industry, government and academia. CFES advocates on behalf of the Canadian Earth Science community with government, the public, and the international Earth Science community.

CFES cooperates with several observer organizations and other relevant Canadian non-member organizations on issues of public education and professional registration. CFES represents its members internationally as a member of the International Union of Geosciences (IUGS) and UNESCO.

Jan Boon (IAPG-Canada co-coordinator) represents the IAPG in the CFES Council Meetings.

IAPG affiliations, agreements, partnerships:

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

IAPG and GC - Geoscientists Canada/Géoscientifiques Canada sign a MoU - Memorandum of Understanding



The MoU expresses a mutual desire to cooperate on a range of themes in the field of ethics in geoscience.

Geoscientists Canada (<https://geoscientistscanada.ca/>) is the national organization of the 9 provincial and territorial regulatory bodies that govern Canada's professional geoscientists and geoscientists-in-training. Geoscientists Canada co-ordinates development of high national standards of admissions, competency, practice and mobility to ensure that Canada is served by a skilled, versatile, reputable and accountable geoscience profession.

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

New coordinators of IAPG national sections



Carlos Toledo Gutierrez
(IAPG-Peru)

IAPG-Peru

Carlos Toledo Gutierrez is the new coordinator of IAPG-Peru. He is Geological Engineer, Magister in History, graduated with a master's degree in Engineering and Philosophy. Bachelor of Education, specialty history and geography and environmental education. Currently PhD studies in Philosophy. He is University professor and academic coordinator at the Antonio Ruiz de Montoya Jesuitas University and at the National University of San Marcos, and professor at the EAP Geological Engineering. Carlos takes over from Sandra Paula Villacorta Chambi in chairing the IAPG-Peru section.

Read more:
<http://iapgeoethics.blogspot.com/2019/01/iapg-peru-has-new-coordinator-iapg-peru.html>



Ranjan Kumar Dahal
(IAPG-Nepal)

IAPG-Nepal

Ranjan Kumar Dahal, Associate Professor of Engineering Geology at the Central Department of Geology, Geodisaster Research Center, Tribhuvan University, has been appointed co-coordinator of IAPG-Nepal and will chair the section along with Shree Prasad Vista, who has managed the section till now. Shree Prasad Vista is coordinator of Soil Science and Ecological sector of IAPG-Nepal, while Ranjan Kumar Dahal is coordinator of the Engineering Geology sector of the section.

Read more:
<http://iapgeoethics.blogspot.com/2018/09/iapg-nepal-has-new-co-coordinator-we.html>

FROM THE IAPG BLOG

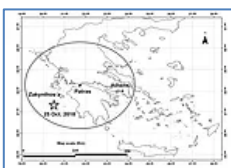
<http://www.geoethics.org/articles-from-iapg-blog>



Panel presentation script for the Geoscience & Society Summit
(by Vincent Cronin, USA)



Some words about the World Water Day 2019
(by Manuel João Florentino Gomes Abrunhosa, Portugal)



A recent public earthquake prediction in Greece: geoethical issues
(by Gerassimos A. Papadopoulos, Greece)



Failing at a triple-point, the 'Anthropocene proposal'?
(by Martin Bohle, Belgium)



Circular economy is about resource efficiency, not "only" recycling
(by Nikolaos Arvanitidis, Sweden)



Blockchain and Geoethics
(by David C. Ovidia, United Kingdom)

DONATIONS



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
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BIC/SWIFT: UNCRITM1C25

or make a donation by credit card through PayPal

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



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