



35TH INTERNATIONAL GEOLOGICAL CONGRESS 27 AUGUST - 4 SEPTEMBER 2016 | CAPE TOWN, SOUTH AFRICA

GLOBAL GEOSCIENCE PROFESSIONALISM AND GEOETHICS



Theme Champions



Ruth Allington
Chair IUGS
Task Group
Global

Geoscience Professionalism



Oliver Bonham
Geoscientists
Canada



Andy Clay
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Additional symposium proposals must now be submitted directly to the theme champions (Please be sure to include the name of the proposer, seconder and short motivation).

31ST MAY 2015

Deadline for submission of symposium proposals

**1ST JULY 2015 -
31ST JANUARY
2016**

Call for abstracts

**31ST MARCH
2016**

Notifications of acceptance

NOTE: The acceptance of symposia and their inclusion into the scientific programme will be at the discretion of theme champions and determined eventually by the number and content of papers that are submitted.

Global Geoscience Professionalism and Geoethics

Much of the work of geoscientists results in output on which others in Society depend, either directly or indirectly. An important aspect of Geoscience for Society is therefore the ethical responsibility and accountability that falls to geoscientists globally, as they undertake their work. This has given rise to the promulgation of statutes, codes of ethics, conduct and practice, and technical codes standards and guidelines, similar to those of many other professions. These are promoted, developed, maintained and enforced by professional geoscience organisations (www.tg-ggp.org) and national and international standard setting and regulatory bodies. Geoethics is an interdisciplinary field that brings together Geosciences and Ethics; it involves both Earth and Planetary Sciences as well as applied ethics (www.icog.es/iageth). Geoethics deals with the ethical, social and cultural implications of Earth Sciences education, research and practice, and with the social roles and responsibilities of geoscientists in conducting their activities (www.iapg-geoethics.org/).

This theme at IGC has attracted a diverse slate of symposium proposals focusing on both professional geoscience practice and geoethics. The Theme Champions are hoping that the symposia proposed will attract a broad range of abstracts that will give rise not only to sessions examining specific topics in geoscience professionalism and geoethics but also to cross-cutting sessions that will encompass both topics and promote dialogue between these two communities.

<http://www.35igc.org/>

The following symposium proposals have already been submitted:

- 1. Theme Champions (for TG-GGP/5IPGC organising committee)**
Professional competencies in geoscience (key issues: teaching of professional skills at university; employers' needs; fostering better understanding between universities and employers; graduate needs for career progression and advancement and/or for registration and licensure). Intended as a session of 5IPGC incorporated in 35th IGC.
- 2. Theme Champions (for TG-GGP/5IPGC organising committee)**
Ethical practice in geoscience (key issues: codes, guidelines, compliance, publishing and plagiarism, pitfalls, discipline, risks, relevance of principles to both academics and applied geoscientists). Intended as a session of 5IPGC incorporated in 35th IGC.
- 3. Theme Champions (for TG-GGP/5IPGC organising committee)**
Inconvenient truths: ethical dilemmas for geoscientists in protecting and informing the public (key issues- effectiveness, integrity and ethics of communicating expertise - through public reports, the media, academic papers, expert testimony, development of laws/regulations, teaching etc). Intended as a session of 5IPGC incorporated in 35th IGC.
- 4. Giuseppe Di Capua, P. Bobrowsky, M. Bohle, J. Geissman, S. Peppoloni. IAPG**
Geoethics: general aspects and case-studies - Geoethics develops ethical and social perspectives on challenges arising from human interaction with Earth systems, complements technical approaches and solutions, and defines ethical frameworks for geoscientists' activities. Abstracts are invited that illustrate this at the local and global scale
- 5. Jesus Martinez-Frias (Spain), N. Nikitina (Russia), N. Nishiwaki (Japan), L. Vasconcelos (Mozambique). IAGETH**
Geoethical problems & dilemmas through the prism of new challenges of time: Concepts, methods, principles, standards & rates; exploration, subsoil & mineral resources, wastes, groundwater, geoethics on Earth/other planets; social welfare, geoethics & natural hazards & disasters; cultural situations
- 6. Vaclav Nemeč and Niichi Nishiwaki**
Geoethics From The Source
- 7. Vaclav Nemeč, Niichi Nishiwaki and Nataliya Nikitina**
Theoretical Foundations Of Geoethics
- 8. Tamas Hamor**
Geology, the regulated discipline - embedding into society and economy by legislation. Aims are to discuss the importance of regulating professional geoscience activities with financial, environmental, or public safety implications and the effectiveness of regulatory frameworks in operation internationally and in key geoscience practice sectors.
- 9. Open Session**
For all submissions that do not fall into currently identified symposia

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