



T12.1 - Geoethics - General Aspects	<i>Date</i> Monday, 29 August 2016	<i>Time</i> 14:00 to 15:30
	<i>Chair</i> Di Capua, Dr. Giuseppe Bobrowsky, Dr. Peter	<i>Room</i> MR 2.41 - 2.43

Times		Paper # Title	Speaker
14:00	14:30	3176 Geoethics: a new way of thinking and managing the Earth	Dr. Silvia Peppoloni Keynote
14:30	14:45	932 Towards Increased Engagement of Geoscientists in Global Sustainable Development Frameworks	Mr. Joel Gill
14:45	15:00	3928 An overview on geothical perspectives in the Democratic Republic of Congo	Mr. Jean-Robert MWEZE
15:00	15:15	3224 Ethical Requirements for Applied Earth System Science and Engineering	Dr Martin Bohle
15:15	15:30	4274 Unconventional proposals for prevention of environmental/social risks	Dr. Francesca Luger

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16:00	16:30	2119 Scientific Integrity and Professional Ethics at AGU – The Role for a Large Scientific Society in Addressing Harassment and Work Climate Issues.	Christine McEntee	Keynote
16:30	16:45	4525 Geoethics and the Global Geoparks of UNESCO: the necessary link for the assertion of Geoparks worldwide	Dr. Artur Sá	
16:45	17:00	4188 Dilemmas in Promoting Growth in the Geoscience Discipline	Dr. Christopher Keane	
17:00	17:15	5091 Socrates' rocks: how professional accreditation may help promoting geo-ethics, and why the pioneering stage is challenging	Dr. Michiel van der Meulen	
17:15	17:30	3287 MOVING AFRICA FORWARD : THE AFRICAN WOMEN GEOSCIENTISTS	Prof. EZZOURA ERRAMI	

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08:00	08:15	165 A Framework for Society-Earth-Centric Narrative	Dr. Martin Bohle	
08:15	08:30	3885 Who speaks for Geoscience? The Irish example of national & cross-border engagement.	Ms. Marie Fleming	
08:30	09:00	4901 Ethical Dimensions of Transdisciplinary Approaches in Seismic Risk Communication	Professor I. S. Stewart	Keynote
09:00	09:15	3708 Geology for Society – engaging geoscientists, policy-makers and the public in meeting our future resource needs sustainably	Mr. Nic Bilham	
09:15	09:30	3505 Incorporation of Geoethics in Undergraduate Science and Geoscience Curricula: Some Examples	Professor John Geissman	
09:30	10:00	4162 Geoethics: Good Teaching, Good Science	Dr. David Mogk	Keynote

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10:30	10:45	1101 Geo-Ethics: What to do when Approval Authority Decisions contradict Sound Science?	Mr. Mark Priddle
10:45	11:00	4517 Geoethic issues in North African and South American paleontology	Dr. Artur Sá
11:00	11:15	2702 Soil: an indispensable component of Nepalese Culture	Dr. Shree Prasad Vista
11:15	11:30	1271 GeoEthics in Hollywood: Is the Hollywood fault active, or is that just another illusion we have created?	Eldon Gath
11:30	11:45	4213 Impacts of ports along the Pilbara Coast, Western Australia –a coastline of global geoheritage significance that services a mineral-rich hinterland	Dr. Margaret Brocx

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14:00	14:15	5603 Discussion topic 1: Lights and shadows of geoethics (Panel discussion)	Dr. Silvia Peppoloni
14:15	14:30	5604 Discussion topic 2: Teaching geoethics: A Great Challenge (Panel Discussion)	Dr. David Mogk
14:30	14:45	5605 Discussion topic 3: Professionalism: how to practice geosciences in an ethical way (Panel discussion)	Ms. Ruth Allington
14:45	15:00	5606 Discussion topic 4: (Geo)ethical dilemmas in geosciences: what to do (Panel discussion)	Dr. Christopher Keane
15:00	15:15	5607 Discussion Topic 5: Geoethics for society: is it possible? (Panel discussion)	Mr. Nic Bilham

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16:00	16:15	24 Professionalism in the Geosciences as practiced in South Africa	Mr. Edward Swindell
16:15	16:30	3876 EurGeol as Competent Person	Dr. Isabel Manuela Fernandez Fuentes
16:30	16:45	629 Improving competency and professionalism in the Australian Institute of Geoscientists	Mr. Wayne Spilsbury
16:45	17:00	2142 The development of Canada's Competency Profile for Professional Geoscientists at Entry to Practice	Mr. Oliver Bonham
17:00	17:15	3179 Canadian National Professional Practice Examination for Geoscientists: Its Evolution and Future Directions Including International Applicability	Mr Robert Stewart
17:15	17:30	3701 Preparing Future Geoscientists for Professional Registration	Ms. Lindsay Steele
17:30	17:45	1472 Critical Competencies for Successful New Geoscientists and Approaches for Equipping the Next Generation	Dr. Christopher Keane

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	1200 Developing an ethical framework for Environmental and Earth System Research Infrastructures: the experience in the ENVRIplus project	Dr. Silvia Peppoloni
	4589 Promoting Geoethics in Peru: the activities of the IAPG Peruvian Section	Dr. Giuseppe Di Capua
	3489 The woman in the artisanal mine: From crusher craft to motorized grinder. The case of Matili-Shabunda mining site, South Kivu, DR Congo.	Jr. Thierry MUNGA
	4569 Geosciences and Multiple Facets of Geoethics	Dr. DEVESH WALIA
	1063 International Association for Promoting Geoethics (IAPG): from Brisbane to beyond Cape Town	Dr. Giuseppe Di Capua
	3434 Legal, social, scientific and ethical responsibility of geoscientists	Dr. Niichi Nishiwaki
	1546 The relationship between the Committee for Mineral Reserves International Reporting Standards (CRIRSCO) and the United Nations Framework Classification (UNFC 2009)	Mr. Roger Dixon
	3149 Culture Impact On The Term Geoethics In Egypt	Dr. Kholoud Abdel Maksoud
	851 The Young Scientist Club of the International Association for Promoting Geoethics – Promoting geoethics among the young geoscientists community	Ms. Ndivhuwo Cecilia Mukosi
	1889 Geoethical Problems of Developing Mineral Resources of Natural Celestial Bodies	Dr. Nataliya Nikitina
	5580 The IUGS Task Group on Global Geoscience Professionalism – the forum of exchange on professionalism and ethics for all of the world's geoscience communities.	Mr. Oliver Bonham

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08:00	08:30	1541 The development of the Committee for Mineral Reserves International Reporting Standards (CRIRSCO) and the International Reporting Template	Mr. Roger Dixon	Keynote
08:30	08:45	155 The International Mineral Reporting Codes – The importance of the Competent Person	Mr. Ken Lomberg	
08:45	09:00	508 Geology, the regulated discipline in Europe - A historical review and a vision	Dr. Tamas Hamor	
09:00	09:15	3177 Professional Geoscientist Self-Regulation In Small Jurisdictions: Lessons Learned by Geoscientists Nova Scotia and Applicability for International Start-ups.	Mr Robert Stewart	
09:15	09:30	3021 Professionalism and Ethics in Resource Development in Canada: Cooperation among Regulators and Academia—Missed Opportunities and Needed Changes	Mr. George Eynon	
09:30	09:45	3022 Innovation in Establishing the Standard of Care in a Self-Regulated Profession	Ms. Lindsay Steele	
09:45	10:00	2120 The future of professional regulation: business as usual or a growing proactive role? Examples from the Ordre des géologues du Québec.	Mr. Alain Liard	

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10:30	11:00	4406 Delivering Sustainable Development Goals: the need for a new Social Contract for mining	Mr. Edmund Nickless	Keynote
11:00	11:15	3068 Finland's Green Mining concept aims to promote sustainable and acceptable mining	Professor Pekka Nurmi	
11:15	11:30	4700 Need for a European Geological Service responding to societal challenges on Energy, Mineral and Groundwater resources	Mr. Serge Van Gessel	
11:30	11:45	4970 Externalities of Fossil Fuel Combustion: An Ethical Reassessment of Liability	Dr. George Stone	

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14:00	14:15	5083 Geo-mapping for Energy and Minerals: A "For Northerners, By Northerners" approach to indigenous engagement activities	Dr. Daniel Lebel
14:15	14:30	69 Deep Seabed Mining, Geo-ethics and Pacific Small Island Developing States	Dr. Jane Verbitsky
14:30	14:45	5136 The nature and articulation of ethical codes on tailings management in South Africa	Mr. Tobius Poswa
14:45	15:00	1310 Managing geo-environment information in the extractive sector and performance in Nigeria: Some empirical results from the field.	Mr. Abbas AbdulRafiu
15:00	15:15	5296 The missing ethics of mining: The case study of Odisha, India	Prof. Madhumita Das

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16:00	16:30	2146 A Review of International Disciplinary Measures in Professional Geoscience - both Procedures and Actions	Mr. Oliver Bonham	Keynote
16:30	16:45	389 Trends in geoscience professional ethics indicated by National Association of State Boards of Geology (ASBOG®) surveys of the practicing profession	Prof. John Williams	
16:45	17:00	65 The roles and responsibilities of geoscientists providing expertise in civil and criminal proceedings – a practical guide to the requirements and avoiding pitfalls	Ms. Ruth Allington	
17:00	17:15	3178 Geoethics Experiences Of A Minerals Explorationist At Home and Abroad	Mr. Robert Stewart	
17:15	17:45	1634 Identifying Ethical Principles that Apply to All Geoscientists: AGI Guidelines for Ethical Professional Conduct	Dr. Maeve Boland	Keynote

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10:30	10:45	5617 Discussion Topic 1: Diversity adds value - beyond just gender diversity (Panel discussion)	Ms. Lindsay Steele
10:45	11:00	5615 Discussion Topic 2: Harassment, Bullying and Exclusion (all types - all unacceptable) (Panel discussion)	
11:00	11:15	5616 Discussion Topic 3: Getting the balance right - field assignment leaves of absence, work-life balance, career retention (Panel discussion)	
11:15	11:30	5618 Discussion Topic 4: Role Models, Leaders and Mentors - they all count (Panel discussion)	Ms. Marie Fleming
11:30	11:45	5619 Discussion Topic 5: Disabilities and Challenges - our duty to accommodate (Panel discussion)	Mr. Edmund Nickless

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14:00	14:15	5620 Discussion Topic 1: TBC (drawn from earlier Geoethics and Professionalism sessions of the conference) (Panel discussion)	
14:15	14:30	5621 Discussion Topic 2: TBC (drawn from earlier Geoethics and Professionalism sessions of the conference) (Panel discussion)	
14:30	14:45	5622 Discussion Topic 3: TBC (drawn from earlier Geoethics and Professionalism sessions of the conference) (Panel discussion)	
14:45	15:00	5623 Discussion Topic 4: TBC (drawn from earlier Geoethics and Professionalism sessions of the conference) (Panel discussion)	
15:00	15:15	5624 Discussion Topic 5: TBC (drawn from earlier Geoethics and Professionalism sessions of the conference) (Panel discussion)	