Tentative Program

6th International Conference on

Earth Science and Climate Change

September 18-19, 2017 Macau, China



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops

Exhibitors | B2B Meetings

For available speaker slots

earthscience@earthscienceconferences.com

Tentative Agenda

Day 1		
Time		
08:00-09:00	Registration/ Reception	
09:00-09:15	Inaugural Session	
09:15-09:45	3 Plenary Lectures	Plenary Talk 1
09:45-10:15		Plenary Talk 2
10:15-10:45		Plenary Talk 3
Panel Discussion and Group Photograph		
Coffee/ Tea Break 10:45-11:00 (Networking)		
11:00-13:00	Track 1 and Track 2	6 speakers (20 min each)
Lunch Break 13:00-14:00		
14:00-15:40	Track 3 and Track 4	5 speakers (20 min each)
Coffee/ Tea Break 15:40-16:00 (Networking)		
16:00-18:00	Track 5 and Track 6	6 speakers (20 min each)

Day 2		
09:00-11:00	Track 7 and Track 8	6 speakers (20 min each)
Coffee/ Tea Break 11:00-11:30 (Networking)		
11:30-13:30	Track 9 and Track 10	6 speakers (20 min each)
Lunch Break 13:30-14:30		
14:30-16:30	Track 11 and Track 12	6 speakers (20 min each)

For more Details PS: www.earthscience.conferenceseries.com
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Conference Highlights

- *Geological Sciences and Natural Hazards*
- *Land and soil sciences*
- *Hydrological science (all timescales)*
- *Marine sciences and Oceanography*
- *Atmospheric Sciences and Meteorology*
- *Planetary and Space Sciences*
- *Remote sensing and Geospatial Science*
- *Pollution and Environmental Issues*
- *The Science of Climate Change, and the Anthropogenic Role*
- *El Nino and La Nina, and Climate Variability & Predictability*
- *The Paris Agreement, and Climate Adaptation and Mitigation*
- *Renewable Energy and Sustainable Development*

For detailed sessions, please visit: www.earthscience.conferenceseries.com

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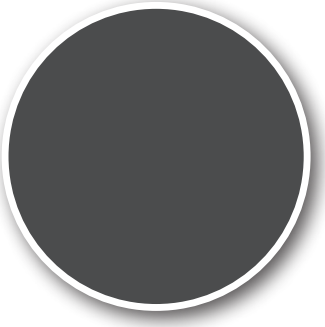
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A sincere thank you to the 2017 Organizing Committee Members

Earth Science 2016





















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5th International Conference on

Earth Science & Climate Change

July 25-27, 2016 Bangkok, Thailand

Scientific Program



08:00-08:30 Registrations

Busarakam Ballroom 1

conferenceseries.com 08:30-09:00

Opening Ceremony

Keynote Forum

Introduction

09:00-09:45 **Title: The grand challenges of emerging environmental issues**
Ahn Ji Whan, Korea Institute of Geosciences and Mineral Resources, Korea

09:45-10:30 **Title: Learning experience and geoethics for human and natural sustainability**
David Crookall, Université de Nice Sophia Antipolis, France

Networking & Refreshments 10:30-10:45 @ Foyer

Sessions

Soil Science | Geoethics | Environmental Issues | Remote Sensing and GIS

Session Chair: Judith M Tisdall, La Trobe University, Australia
Session Co-Chair: David Crookall, Université de Nice Sophia Antipolis, France

Session Introduction

10:45-11:15 **Title: Climate change and soils**
Judith M Tisdall, La Trobe University, Australia

11:15-11:45 **Title: Remote sensing for marine autotrophic dynamics and diversity: Recent advances and opportunities**
Shovonlal Roy, University of Reading, UK

11:45-12:15 **Title: Characterization of surface and trapped dust samples collected from human settlements that are in the vicinity of abandoned and ownerless mine tailings in Mpumalanga province, South Africa**
Shadung J Moja, Council for Geoscience, South Africa

12:15-12:45 **Title: Carbon and nitrogen changes affected by elevated temperature and CO_2 under the open top chamber environment in rice paddy**
Seung-Chang Hong, National Institute of Agricultural Sciences, Korea

12:45-13:15 **Title: Incorporating remote sensing data for high spatiotemporal groundwater management in data limited regions: A case study in India**
Pennan Chinnasamy, International Water Management Institute, Sri Lanka

Lunch Break 13:15-13:45 @ Public Restaurant

13:45-14:15 **Title: Controlling methane emissions in a vermicompost-applied maapag paddy soil during rice cultivation**
Nonilona P Daquiado, Central Mindanao University, Philippines

14:15-14:45 **Title: Converting of rubber-latex processing wastewater to biogas production using the anaerobic baffled reactor (ABR)**
Chavalit Ratanatamskul, Chulalongkorn University, Thailand

14:45-15:15 **Title: Characteristics of the overflow pollution of storm drains with inappropriate sewage entry**
Hailong Yin, Tongji Univeresity, China

Networking & Refreshments 15:15-15:30 @ Foyer

15:30-16:00 **Evaluation and grade partition of urban village fire risk: A case study of NanTing village, Guangzhou**
Wu Da-fang, Guangzhou University, China

16:00-16:20 **A geochemical study of settleable dust samples collected near some old and abandoned asbestos mine dumps in Limpopo province, South Africa**
Maphuti Kwata, Council for Geoscience, South Africa

16:20-16:40 **The model for estimating diffuse fraction of global solar erythemal ultraviolet radiation in Thailand**
Pranomkorn Choosri, Silpakorn University, Thailand

16:40-17:00 **Simulation of PM_{10} concentrations over Upper Northern Thailand during dry season using CMAQ model**
Ammar M G Gaber, Chiang Mai University, Thailand

17:00-17:30 **Soil microbial succession and changes of functional genes in response to climate change with latitude simulated by long-term soil transplant**
Yuting Liang, Institute of Soil Science - CAS, China

17:30-18:00 **Carbon isotope of soil organic matter varies with temperature along an isoline of mean annual precipitation in China and their relevance to paleoprecipitation reconstruction**
Yufu Jia, China Agricultural University, China

Panel Discussion

Day 2 July 26, 2016

Busarakam Ballroom 1

Keynote Forum

08:00-08:45 **Title: Earth's climate change in the 20th and 21st Centuries: The phenomenon of global warming and its impacts**
Venkatachalam Ramaswamy, Princeton University, USA

Sessions:

Climate Change | Global Warming | Earthquakes and other Natural Hazards

Session Chair: Venkatachalam Ramaswamy, Princeton University, USA

Session Co-Chair: Paul Comet, Comet Environmental Consulting, USA

Session Introduction

08:45-09:15 **Title: Economic consequences of climate change impacts on road transportation network in Atlantic Canada**
Yuri Yevdokimov, University of New Brunswick, Canada

09:15-09:45 **Title: An integrated model of sustainability and emission control: The concept of society as a super organism that lives by consuming its own waste using alternative energy as currency**
Paul A Comet, Comet Environmental Consulting, USA

09:45-10:15 **Title: Lowering of CO_2 emissions based on higher consciousness and good human habits**
Posada R Enrique, INDISA S.A, Colombia

Networking & Refreshment Break 10:15-10:30 @ Foyer

10:30-11:00 **Title: Frozen ground temperature trends associated with climate change in the Tibetan Plateau three river source region from 1980 to 2014**
Siqiong Luo, Chinese Academy of Science, China

11:00-11:30 **Title: Linear extension rates of massive corals from Nusa Penida, Bali (Coral Triangle Initiatiave region) in relation to climate change**
Ali Arman, National Nuclear Energy Agency, Indonesia

11:30-12:00 **Title: Analysis of spatial distribution and temporal trend of soil moisture over the Tibetan Plateau from 1978 to 2013**
Xianhong Meng, Chinese Academy of Science, China

12:00-12:30 **Title: Integrated geophysical and bioengineering techniques to protect landslide hazards at the South and North of Thailand**
Desell Suanburi, Kasetsart University, Thailand

12:30-13:00 **Title: Failure mechanism of Rangwamual Landslide, Aizawl, Mizoram, India**
Rahul Verma, Pachhunga University College, India

Lunch Break 13:00-13:50 @ Public Restaurant

13:50-14:20 **Title: The threats and impacts of climatic changes**
Shahnaz Jamil, MLSM College, Darbhanga, India

14:20-14:50 **Title: *Uranocatharsis* project, space debris as cloud-sculptures shading our planet**
Isadora Sau Lan Mack, Charles Darwin University, Australia

14:50-15:15 **Title: Estimation of carbon fluxes for the South Asian region using maximum likelihood ensemble filter (MLEF)**
K M P Perera, University of Sri Jayewardenepura, Sri Lanka

Poster Presentation with Networking & Refreshments 15:15-15:45 @ Foyer

ES-01 **Title: Holocene sea surface temperature and salinity variation in the northern South China Sea as modulated by the Kuroshio Current intrusion**
Shuhuan Du, Chinese Academy of Sciences, China

ES-02 **Title: Spatial and temporal variations in NPP of vegetated land responding to temperature changes for different temperature zones of China**
Shaoying Li, Guangzhou University, China

ES-03	**Title: Analysis of water footprint in Guangdong, China** **Zhou Tao**, Guangzhou University, China
ES-04	**Title: CO_2 migration behavior in a multi-layered system** **Jeong-Chan Kim**, Korea Institute of Geoscience and Mineral Resources, Korea
ES-05	**Title: Applicability of the multi-channel surface-soil CO2-concentration monitoring (SCM) system as a soil CO_2 monitoring tool** **Jeong-Chan Kim**, Korea Institute of Geoscience and Mineral Resources, Korea
ES-06	**Title: Reverse logistics system network planning in E-commerce express industry based on the coordinative development of economy and environment** **Yanning Jiang**, Guangzhou University, China
ES-07	**Title: Estimation of aerosol particle density, dynamic shape factor and mass concentration during the Metro Manila Air Quality Characterization Experiment (MACE) 2015** **G A Catipay**, Ateneo de Manila University, Philippines
ES-08	**Title: The dilemma of marginal land for biofuels strategy in China** **Chen Yuqi**, China Land Surveying and Planning Institute, China
ES-09	**Title: Land resources quantity-quality ecological monitoring technique** **Chunyan Lv**, China Land Surveying and Planning Institute, China
ES-10	**Title: How much zinc is accumulated in soil microbial biomass?** **Farshid Nourbakhsh**, University of Technology, Iran
	Keynote Talk
15:45-16:30	**Title: Scientific declaration about the urgency of global geoecological systems for humanity survival at the epoch of cosmoplanetary and climate changes** **Alexander Trofimov**, International Scientific Research Institute of Cosmic Anthropoecology, Russia
16:30-17:00	**Title: Phenological characteristics of *Ficus microcarpa* under climate range** **Shuling Lin**, Guangzhou University, China
17:00-17:30	**Title: Cooling event in the boundary of Middle/Late Eocene of Java** **Eko Budi Lelono**, LEMIGAS, Indonesia
17:30-18:00	**Title: Global geoecological system of human life-support in the epoch of cosmoplanetary and climatic changes** **Alexander Trofimov**, International Scientific Research Institute of Cosmic Anthropoecology, Russia
	Panel Discussion

Day 3 July 27, 2016

Busarakam Ballroom 1

Sessions:

Atmospheric Chemistry | Geology | Geosciences

Session Chair: Arndt Schimmelmann, Indiana University, USA

Session Co-Chair: Vasco M N C S Vieira, Universidade Técnica de Lisboa Técnico, Portugal

	Session Introduction
09:30-10:00	**Title: Vietnam's tropical karst is a sink for atmospheric methane greenhouse gas** **Arndt Schimmelmann**, Indiana University, USA
10:00-10:30	**Title: Coupling the atmospheric to the coastal ocean components of the Earth-System (I): Estimating the solubility of greenhouse gases and aerosols** Vasco M N C S Vieira, Universidade Técnica de Lisboa Técnico, Portugal
	Networking & Refreshment Break 10:30-10:45 @ Foyer
10:45-11:15	**Title: Coupling the atmospheric to the coastal ocean components of the Earth-System (II): Estimating transfer velocities of greenhouse gases and aerosols** **Vasco M N C S Vieira**, Universidade Técnica de Lisboa Técnico, Portugal
11:15-11:45	**Title: Trans-boundary geosciences and climate change adaptation in East and Southeast Asia – Role of CCOP** **Adichat Surinkum**, CCOP - Coordinating Committee for Geoscience Programmes in East and Southeast Asia, Thailand
11:45-12:15	**Title: A model on the effect of petroleum production on Earth's temperature** **George Chilingar and M Mehdi M Shamsi**, University of Southern California, USA

Lunch Break 12:15-13:00 @ Public Restaurant

13:00-13:30	**Title: Radon and carbon dioxide in northern Vietnamese limestone caves** **Duong Nguyen-Thuy,** VNU University of Science, Vietnam
13:30-14:00	**Title: Effects of environmental and biotic factors on carbon isotopic fractionation during decomposition of soil organic matter** **Guoan Wang,** China Agricultural University, China

Closing Ceremony



Bookmark your dates

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