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Tentative Program

Annual Congress on

Soil Sciences

December 04-05, 2017 Madrid, Spain

"Awareness on Innovations in Soil Science and Soil Management Challenges"

For available speaker slots

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Annual Congress on

Soil Sciences

December 04-05, 2017 Madrid, Spain

Program at a Glance

Day 1			
Morning Sessions	**Reception/Registration**		
		Time	**General Session**
		Inaugural Address	
	Least of 3 Keynote/Plenary Talks		Keynote/Plenary Talk 1
			Keynote/Plenary Talk 2
			Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break (Networking)		
	Soil Fertility		Soil conservation
Evening Sessions	Pedology		
	Lunch Break		
	Soil Water Management		Soil Pollution
	Coffee/Tea Break (Networking)		
	15.45-17.25		

Day 2				
Morning Sessions		**Time**	**Session 1**	**Session 2**
			Keynote/Plenary Talk 2	Keynote/Plenary Talk 2
	Coffee/Tea Break (Networking)			
	Edaphology		Soil Erosion	Soil Biology
Evening Sessions	**Lunch Break**			
	Soil Ecology		Soil Bio Chemistry	Soil Mechanics
	Coffee/Tea Break (Networking)			
	Awards & Closing Ceremony			

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

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Title: Biochar as a Soil amendment: Effects on Heat and Water

Dedrick Davis, Alabama A&M University, USA

Title: Irrigation Management Effect on Water Dynamics of Citrus Huanglongbing Trees and Soil

Kelly T Morgan, University of Florida, USA

Title: Controlled release environmental reactants- A Green and Sustainable approach to *In Situ* Soil and Groundwater

Lindsay Swearingen, Specialty Earth Sciences, USA

Title: Stress state of a soil array at break of the pipeline

Vladimir L Andreev, NR MGSU, Russia

Title: Innovatation on soil color characterization: from Munsel Color Charts to Flatbad Scanners and digital cameras

Nataliya P Kirillova, Moscow State University, Russia

Title: Soil Biodiversity: a pivotal element that sustains soils

Cristina Menta, University of Parma, Italy

Title: Using digital elevation models and Images processing to follow clod evolution under rainfall

Edwige Vannier, Observatoire de l'Université de Versailles, France

Title: Advanced electrochemical treatment for soil remediation

Emmanuel Mousset, University de Lorranie, France

Title: : Restoring hydromorphological functionality to improve natural purification capacity of a heavily modified water body

Bodoque JM, University of Castilla-La Mancha, Spain

Title: Scaling properties of soil images

Ivan G Torre, Polytechnic University of Madrid(UPM), Spain

Title: Is it possible to select Wheat genotypes with improved tolerance to soil constraints?

John (Jack) Christopher, The University of Queensland, Australia

Title: Summer fallow management and its effect on crop yield

Ketema Tilahun Zeleke, Charles Sturt University, Australia

Title: Critical factor driving soil borne root disease epidemics in clovers revealed and explained

Ming Pei You, University of Western Australia, Australia

Title: Soil Microbial Biomass and Functional Diversity in Shrubencroached Grasslands along a precipitation Gradient

Admore Mureva, University of KwaZulu-Natal, South Africa

Title: E-BABE- Development of a coupled model for air and water flow throught unsaturated soils: Simulation of an axis-translation technique

Victor Scartezini Terra , University of Rio Verde, Brazil

Title: Sustainable soil management: Advancements in biofertilizers action

Marcela C Pagano, UFMG, Brazil

Title: Fate of Freshly added, lanoratory-aged and field-aged p.p'-DDE on soil

L Skulcova, Masaryk University, Czech Republic

Title: Spatial-scale prediciton of Soil Vegetation Atmosphere Transfer(SVAT) soil hydraulic varibales characterizing stratified soils from an Ensemble Kalman filter (EnKF) analysis of Synthetic Aperture Radar (SAR) surface soil moisture

Ju Hyoung Lee, Seoul National University, South Korea

Title: Orchard floor management effect on soil microbial community

Yosef Steinberger, Sciences Bar-Ilan University, Israel

Title: The Composition of soils developed on different lithological units of the Medvednica Mt.

Lidija Galvoic, Croatian Geological Survey, Croatia

Title: How Shallow measurements and how many time-stable locations are sufficient to estimate the deep profile mean soil water content of a hillslope?

Mingbin Huang, Northwest A&F University, China

Title: Influence of different ground cover on soil microbial communites and enzyme activity on spruce forests of Qinghai-Tibet Plateau

Yuguo Yang , Beijing Forestry University, China

Title: Habanero Chils plants: hardness dependency on the types of soil

Ramírez-Sucre MO, CIATEJ Research center, Mexico

Title: Characterization of three types from Yucatan Mexico and evaluation of their effect on the growth of habanero chili plants

Rodríguez-Buenfil IM, CIATEJ Research center, Mexico

Title: Sedimentation method for determining the content of soil fractions with diameters from 0.05 to 1.0 mm

Krzysztof Papuga, Wrocław University Of Environmental and Life Sciences,

Title: Monitoring the effect of drying-wetting cycles on soil aggregate breakdown using SPECIM hyperspectral camera

Irena Ymeti, University of Twente, Netherlands

Title: Rehabilitating Degraded soils for increased crop productivity on smallholder farms in Eastern Zimbabwe

Nezomba Hatirarami,University of Zimbabwe, Zimbabwe

Title: Effect of increasing rates of simple inorganic fertilizers on sugar and acid contents of pineapple variety "*Cayenne lisse* "(Ananas comosus (L.)Merrill) in the South of Benin

Guillaume L AMADJI, FSA/UAC, Benin

Title: Assessment of soil polluted areas based on the content of heavy metals in diferent organs of the grapevine (*Vitis vinifera*) in the north-west of Transylvania (Romania)

Horea-Lucian Cacovean, Agricultural and Veterinary University, Romania

Title: Studies on soils fertility and trees nutritional status on chestnut groves

M Angelo Rodrigues, Centro de Investigacao de Montanha-Instituto Politecnico deBraganca, Portugal

Title: Cover cropping in rainfed Olive Orchards

M Angelo Rodrigues, Centro de Investigacao de Montanha-Instituto Politecnico deBraganca, Portugal

Title: Effect of liming on olive tree (cv.Cobrancosa) grown in acidic soils

M Angelo Rodrigues, Centro de Investigacao de Montanha-Instituto Politecnico deBraganca, Portugal

Title: : Is the enrichment of organic fertilizers with nitrogen-fixing microgranisms effective in soils ubiquitous in these microbes ?

M Angelo Rodrigues, Centro de Investigacao de Montanha-Instituto Politecnico deBraganca, Portugal

Title: Effect of intergrated fertilizer use on the yield, energetics and economics of sugar cane production under acid typic Hapludand

Ryan T Sarimong, Capiz State University, Philippines

Title: Evaluation of Sugarcane- Based Land utilization Types in Negros Occidental, Philippines

Clea Anne Vallejera Corsiga, University-Villaba, Philippines

Title: Effect of rice straw derived biochar and different rates of Nitrogen fertilizer on rice growth, seed yeild and soil fertility

Lai Lai, Universiti Putra Malaysia, Malaysia

Title: The Effect of Rice straw Bochar on Nitrogen fertilizer Management Stategies to reduce Green House Gases emission in Sustainable Rice Productivity

Lai Lai, Universiti Putra Malaysia, Malaysia

Title: Antioxidative potential of garlic on lead-induced oxidative stress and effect on enzyme activity in rice plants

Tugbobo Oladimeji, Federal Polytechnic, Nigeria

Title: Soil Conservation for better Agricultural productivity in the world

AFE Ademola Johnson, Federal University of Technology Akure, Nigeria

Title: Effects of Oil Spillage on Soil Physico-Chemical Properties and Vegetation In Ugheli, Niger Delta, Nigeria

P.N. Okeke, Federal University of Technology Owerri, Nigeria

Title: Imapact des Stations d'epuration sur I'environment

Ould Yerou Karima, Unversity of Mascara, Algeria

Title: Study and Characterization of the household waste of the city of Mostaganem (The west Algeria)

Noreddine Guermoud, Cooperative immobiliere Seddik Benyahia, Nigeria

Title: Deterministic and reliability analysis of RC bridges including soil- structure interaction

Kamel Bezih, Mostefa Ben Boulaid University, Algeria

Title: Solar system design for water treatment : Anti Bacterial heat exchanger (ABHE)

Amara S, Universite de Tiemcen, Algeria

Title: Review on Igneous Phosphate Resources of North, East and South-East Africa

Wondafrash Mammo Ghebre, Ministry of Mines, Petroleum & Natural Gas, Ethiopia

Title: Assessment of soil erosion hazard in kilie catchment, East shoa, Ethiopia

G W HAILE, Environmental Society of Ethiopia, Ethiopia

Title: Integrating methodologies for precise assessment of organic carbon stock and change in agricultural soils

Mohammad I Khalil, University College Dublin, Ireland

Title: Assessment of the effectiveness of certain amendments used in the bioremediation of soil irrigated with sewage effluent through CO_2

Alaa Zaghloul, National Research Center, Egypt

Title: Sludge amendements on degraded soils

Abdirashid Elmi, Kuwait Unversity, Kuwait

Title: Indicateurs agropedologiques relatifs AU pH DES Series Principales DES SOLS DE Yangambi, RD Congo

Likoko Bambele, de SoI et Eau et Recteur a I'IFA/Yangambi, Zaire

Title: Soil fertility and earthworms activity are affected by dead trees in old-growth temperate forests of Northern Iran

Yahya Kooch, Tarbiat Modares University, Iran

Title: Phophorous solubility as affected by composting rock phosphate with different organic materials

Niar Ali Khan, Unversity of Peshawar, Pakistan

Title: Combined application of Citric acid and 5-aminolevulinic acid alleviated chromium toxicity and assisted its phytoextraction by Sunflower

Shafaqat Ali, Government College University, Pakistan

Major Scientific Sessions

- Pedology
- Agronomy
- Soil Ecology, Soil Biology and Biochemistry
- Soil Microbiology
- Soil Conservation
- Soil Water Management
- Soil Erosion
- Soil Mechanics
- Edaphology
- Soil Fertility
- Soil Pollution
- Entrepreneur Investment Meet

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates

Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
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Glimpses Of Soil Sciences Series Conferences

Tourist Attractions in Madrid

Royal Palace-Palacio Real

Plaza de Cibeles

Plaza_Mayor

Prado_Museum- Museo del Prado

Retiro Park- EI Retiro

Royal Palace-Palacio Real

Spain-Madrid-Puerta-del-sol

Temple of Debod

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5th International Conference on

Earth Science & Climate Change

July 25-27, 2016 Bangkok, Thailand

Scientific Program

Registrations

Busarakam Ballroom 1

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Opening Ceremony

Keynote Forum

Introduction

Title: The grand challenges of emerging environmental issues
Ahn Ji Whan, Korea Institute of Geosciences and Mineral Resources, Korea

Title: Learning experience and geoethics for human and natural sustainability
David Crookall, Université de Nice Sophia Antipolis, France

Networking & Refreshments

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

Title: Climate change and soils
Judith M Tisdall, La Trobe University, Australia

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

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

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

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

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

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

Title: Characteristics of the overflow pollution of storm drains with inappropriate sewage entry
Hailong Yin, Tongji Univeresity, China

Networking & Refreshments

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

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

The model for estimating diffuse fraction of global solar erythemal ultraviolet radiation in Thailand
Pranomkorn Choosri, Silpakorn University, Thailand

Simulation of PM_{10} concentrations over Upper Northern Thailand during dry season using CMAQ model
Ammar M G Gaber, Chiang Mai University, Thailand

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

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

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

Title: Economic consequences of climate change impacts on road transportation network in Atlantic Canada

Yuri Yevdokimov, University of New Brunswick, Canada

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

Title: Lowering of CO_2 emissions based on higher consciousness and good human habits

Posada R Enrique, INDISA S.A, Colombia

Networking & Refreshment Break

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

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

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

Title: Integrated geophysical and bioengineering techniques to protect landslide hazards at the South and North of Thailand

Desell Suanburi, Kasetsart University, Thailand

Title: Failure mechanism of Rangwamual Landslide, Aizawl, Mizoram, India

Rahul Verma, Pachhunga University College, India

Lunch Break

Title: The threats and impacts of climatic changes

Shahnaz Jamil, MLSM College, Darbhanga, India

Title: *Uranocatharsis* project, space debris as cloud-sculptures shading our planet

Isadora Sau Lan Mack, Charles Darwin University, Australia

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 Session with Networking & Refreshments

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

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

Title: Phenological characteristics of *Ficus microcarpa* under climate range
Shuling Lin, Guangzhou University, China

Title: Cooling event in the boundary of Middle/Late Eocene of Java
Eko Budi Lelono, LEMIGAS, Indonesia

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

Title: Vietnam's tropical karst is a sink for atmospheric methane greenhouse gas
Arndt Schimmelmann, Indiana University, USA

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

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

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

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

Title: Radon and carbon dioxide in northern Vietnamese limestone caves
Duong Nguyen-Thuy, VNU University of Science, Vietnam

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

6th International Conference on

Earth Science and Climate Change

September 18-19, 2017 Macau, Hong Kong

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