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Tentative Program

2ND ANNUAL CONGRESS ON

SOIL AND WATER SCIENCES

October 22-23, 2018, Berlin Germany

Theme: "New strategies and approaches in Soil and Water resources to effective adaptability on Earth"



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2nd Annual Congress on

Soil and Water Sciences

October 22-23, 2018 | Berlin Germany

Program at a Glance

Day 1

Morning Sessions	Reception/Registration			Day 1
		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 Management, Soil Fertility		Water Resource Management, Wastewater Treatment	
Evening Sessions	Pedology			
	Lunch Break			
	Water Conservation		Soil and Water Pollution	
	Ground Water Recharge and Water Harvesting, Hydrology and Hydrogeology			
	Coffee/Tea Break (Networking)			
	15.45-17.25			

Day 2

Morning Sessions		Time	Session 1	Session 2	Day 2
			Keynote/Plenary Talk 2	Keynote/Plenary Talk 2	
	Coffee/Tea Break (Networking)				
	Infiltration Process		AGRONOMY	Soil Corruption, Pedology and Soil Horizons	
Evening Sessions	**Lunch Break**				
	Water Quality		Fresh Water Ecosystem	Ground Water Exploration	
	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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Grey Water Footprint: A new approach to evaluate the groundwater sustainability

Benedetta Coluccia
UniversityofSalento, Italy

Benedetta Coluccia is a Master student in “Management” and she has her expertise in evaluation and passion in improving the environmental wellbeing. Her thesis research is oriented to the study of sustainable development, Water Footprint, resource management and groundwater quality.In particular, she actually deals with the sustainable finance. She is going any further into her experience with the application of new approaches in the assessment of environmental sustainability, with particular attention to the “Grey water footprint” as an indicator of groundwater quality.

Degradation of soils and underground water for agricultural and urban use in El Salvador

José Luis Colocho Ortega
Salvadoran Association of Soil Scienc- A.S.C.S,
El Salvador

José Luis Colocho Ortega of Salvadoran nationality, Agronomist of the National School of Agriculture "RQ" of El Salvador, with a Master's Degree in Plant Physiology from the Federal University of Lavras, MG, Brazil and Ph.D. In relation soil-plant, by the Federal University of Vicosa, MG, Brazil. Researcher and independent agricultural consultant. Experience in soil management and vegetable production in Central America and other countries. Member of the Sociedade Brasileira de la Ciencia do Solo, of the IUSS and President and founder of the Salvadoran Association of Soil Science. Development of research work in coffee, bioenergy crops and others, organic sources such as fertilizers and technology transfer of soil fertility and plant nutrition. Participation in different scientific events at an international level.

Determination of watershed infiltration, runoff and erosion parameters - turbulent or laminar flows?

Mark E. Grismer
UC Davis, USA

Grismer’s research efforts are driven by practical environmental problems facing land and resource managers and discovery of the underlying processes affecting derivation or development of applicable methods and solutions to these problems. His focus remains largely directed at gaining a better understanding of key hillslope hydrology, wetland and irrigation/drainage processes in the field.

SPEAKER SLOTS AVAILABLE

Analysis of lead quantification in recreational park soils of the city of Lima - Peru

Lily Denise Tello Peramás
Agrarian University, Perú

Lily Tello has her expertise in soils and passion in improving the quality of them. Her doctoral research is being done in recreational parks in Lima (Peru) and lead.She has developed "assisted phytoextraction" techniques for lead in greenhouse and park bioassays. To achieve efficient phytoextraction she used mycorrhizae and EDTA. She has 20 years of experience as a professor in soils. She teaches geology, edaphology and geomorphology courses at Agrarian University in Lima – Peru. Jorge Nakayo has his expertise in environment and sustainable development. He is a thesis advisor and professor of San Marcos university.Juan Guerrero has his expertise in soils. His doctoral research is being done in quality of water in Villacuri Ica (Peru) and organic material. He is a professor at Agrarian Universitv.

Toltec pipil water and soil management: An experience to share from El Salvador.

Francisco Antonio García Rivera
Latin American Technical University, El Salvador.

Francisco A. Garcia Rivera, processes field experience in agricultural experimentation and academic formation in University-level education. During the 90's he initiated his passion for native Salvadorian agriculture, oriented to learn about sowing and cultivation management traditions; native plants; ancestral diet; studying the ancestral agricultural calendar; the agricultural terminology in Nawat language; and ancestral soil cultivation research. Studies Toltec Pipil history and culture in El Salvador next to the wise Salvadorian Dr. Tomas F. Jimenez for ten years. He has directed thesis projects at the University for several years, provided orientation for the experimentation with organic alternatives for vegetation protection; in organic floor fertilization; organic alternative diet in birds and bees with native plants. In 2015, he publishes a book directed to the binomial Environment and Native Culture in El Salvador.

Water loss, sediment deposition-pond age relationships in lagos state, Nigeria

Olorunwa. Eric. OMOFUNMI
Federal University Oye-Ekiti

Olorunwa Eric OMOFUNMI obtained his B.Tech. (Agricultural Engineering and Mechanization) in 1987 from Federal University, Akure; M.Sc. in Farm power and Machinery, M.Phil. Soil and Water option from University of Ibadan Nigeria in 1991and 2010 respectively. He completed his Ph.D degree in Soil and water engineering from Federal University of Agriculture, Abeokuta, Nigeria in 2015. He is senior lecturer at Department of Agricultural and Bio-resources engineering, Federal University, Oye-Ekiti. He was a former Chief lecturer and Heads, Department of Mechanical and Agricultural and Bio-environmental engineering, Yaba College of Technology, Yaba Lagos. He is a member of notable professional organizations including Council for the Regulation of Engineering in Nigeria (COREN) and Nigerian Society of Engineers (NSE). He has published number of research papers in both National and international iournals.

SPEAKER SLOTS AVAILABLE

Assessement of metal(loid)s phytoavailability in mining soils

Paula Helena Mendes Freire Ávila
National Laboratory of Energy and Geology, Portugal

Researcher, since 1993, at the Mineral Science and Technology Unit of the National Laboratory of Energy and Geology (Portugal). PhD in Environmental Geochemistry, Master's in Geochemistry and Degree in Geological Engineering.Areas of interest and research: Environmental geochemistry and environmental mineralogy; risk analysis associated with diffuse and / or catastrophic mining contamination, medical geology and human health implications, degraded soil remediation methods including phytoremediation; geochemistry applied to mining; ore mineralogy; minerals and their intergrowth; methods of geochemical analysis; statistical methods applied to geochemical data; development of diffuse and catastrophic contamination modeling methodologies, based on the chemical forms of the trace elements and metalloids, their bioavailability, mobility and reactivity in the different sub-areas of the geosystem.

Catering to high variability and climate change: What next in site specific nutrient management.

Sheetal Sharma
International Rice Research Institute, India

Sheetal Sharma is a Soil Scientist with International Rice Research Institute. She works as an integral part of IRRI Rice Crop manager team.She leads the initiatives in South Asia to transform the provision of information to farmers and, to make site-specific recommendations available to small farmers. She majorly work on combining detailed information on crop performance with innovative knowledge transfer approaches and the development of ICT-based decision-support tools suited to extension workers and farmers using mobile applications or computers. The work has targeted small-scale farmers in India, and these applications are enabling farmers to improve the profitability of rice through more timely and accurate crop management. She is also actively involved in capacity development of local scientists and scholars. She has authored and co-authored more than 20 scientific papers in peer-reviewed journals/book chapters

Fate of 15N labelled urea in a soil contaminated by heavy metal containing dust - an incubation study using a mine slag sampled from kabwe city, zambia, Africa

Yoshitaka Uchida
Hokkaido University, Japan

Yoshitaka Uchida is an associate professor in Research Faculty of Agriculture, Hokkaido University. He has been studying soil microbes in relation particularly to nitrogen and carbon cycles. Recently, he started a project in Kabwe city, Zambia targeting a heavy metal contaminated soil. He believes the recovery of plants and healthy soils is the key for the success of this project. In this study, he and his student used 15N-labelling approaches to evaluate the sensitivity of N cycle against heavy metals. The project will continue and he hopes to scale-up the experiments at the field level.

SPEAKER SLOTS AVAILABLE

Avocado cv. has zoning based on aptitude, competitiveness and sustainability criteria.

Tatiana Rondon
Research Center. La Selva Rionegro, Antioquia

Tatiana Rondon has her expertise in soil health indicators. Her research has been oriented towards assessing the relations between soil-plant-weather. She has taken part in projects focused on providing agricultural production alternatives and validation of soil health indicators, namely in agricultural regions in Venezuela; however since 2016 she has been working at Agrosavia (former Corpoica) in similar topics. Maria Casamitjana, on the other hand, has worked in planning and land zonning, and has devoted her research to subjects related to regimes of soil moisture, soil physics, and watersheds. Silvana Builes has worked in the economics of land degradation, identifying the socioeconomic factors associated to this problem on one hand, and assessing the economic impact on specific crops, such as sugar cane, on the other.

Monitoring simulation for flood risk prediction using 3D analysis and Swat in ary creek watershed

Sultana Nasrin Baby
University Melbourne Victoria, Australia

Sultana Nasrin Baby - has been a Senior GIS Officer at the City of Whittlesea in Melbourne Australia for the past 3 years. Prior to this role she worked at Bass coast Shire Council. She is also completing a PhD at in the school of mathematical and Geospatial Sciences at RMIT University. She holds a double Master's degree in GIS and remote sensing from Dhaka and Monash University. Her interests are geospatial science applications in water resources, exploring new spatial technologies and climate change modelling.

An analysis of variation in electrical conductivity of groundwater using fuzzy clustering and neural network (A case study in drainage basin of sefid rood river)

Fateme Jazebi
University of technology

Fateme Jazebi received her Master's degree in construction Engineering and Management from Amir Kabir University of technology, Tehran, Iran.She is a lecturer at Payame Noor University,Ahvaz, Iran. She and Rashidi, A. have published a paper called "An Automated Procedure for Selecting Project Managers in Construction Firms" Journal of Civil Engineering and Management.She, Abbas Rashidi, and Ioannis Brilakis have published a paper called Neurofuzzy Genetic System for Selection of Construction Project Managers in Journal of Construction Engineering and Management. She and Rashidi, A. and Sebt M.H. have published a paper called "Identification of Significant Criteria for Selection of Construction Project Managers in Iran", in 3rd International Conference on Construction Engineering and Management & 6th International Conference on Construction Project Management in Jeju.

SPEAKER SLOTS AVAILABLE

A system for safe and eco-friendly wastewater treatment to create soil, grass and water (EWT)

Joy Manglani
NGO (OneNature.com),
India

Joy Manglani is an Environment Scientist & Inventor. He holds the prestigious B. Tech. degree from the premier IIT Delhi in Chemical Engineering. He is a founder (since 1983) and President of NGO- Only Nature Endures (ONE) also called OneNature where he trains interns and seniors. He invents and promotes Sustainable Technologies for Joyful Life and Healthy Environment. Has experience of successfully inventing and applying technologies in the fields of Water and Sanitation, Eco-friendly Handcrafted Textiles & Clothing, Organic Farming, Eco-friendly Asbestos Cement, Business revival, Thermal Engineering, Awareness and Justice. His breakthrough invention above can help in solving the Water and Sanitation problem. He was an Advisor to Government of Maharashtra (India) on Water and Sanitation Technologies. He was also an Advisor to Government of India for Safe Industrial Technology.

Application of electrical resistivity method in investigating groundwater potential.

Ofunim Nkem Bright
University of Benin

Ofunim Nkem Bright hold a BSc in Geology from the University of Benin,Nigeria.I also hold two Diploma qualifications in Science Laboratory Technology and Computer Studies.I worked with Flowlines Geophysicals as an intern.I have also worked with Leading Edge Geophysical Services, representing in different capacities as an Assistant Field Geologist. I was involved and engaged in acquiring, processing and interpreting the field data for borehole using vertical electrical method. This method was also used in subsurface delineation. I have taught and worked with a British Curriculum School.

Information technologies for control and management of environmental water quality

Kartlos J Kachiashvili
Georgian Technical University,
Georgia

Kartlos Joseph Kachiashvili: is Professor of Georgian Technical University, Faculty of Informatics and Control Systems and Senior Scientific Worker of the I. Vekua Institute of Applied Mathematics of the Tbilisi State University (Tbilisi, Georgia). He was working in many scientific research institutes and universities in Georgia, Russia and Pakistan on the positions: engineer, scientific worker, Head of Laboratory, Head of Department, Director of National Center, Professor, Rector of Institute. He has 208 scientific papers published in various esteemed reputable International Journals.He published seven monographs and three text-books in Georgia, Ukraine, USA and Indonesia. He has received many prestigious awards and rewards. His research interests are: Mathematical Statistics, Data Analysis (Environmental, Agricultural, Medical),

SPEAKER SLOTS AVAILABLE

Preliminary investigation into groundwater suitability for domestic use in the matoks catchment, limpopo province, South Africa

Lawrence Diko-Makia
University of Venda,
SouthAfrica

Diko is a Y2 NRF(National Research Foundation of South Africa rated researcher and currently employed as Senior Lecturer in the Department of Mining and Environmental Geology (University of Venda).He holds a Bsc (Hons), Msc (Applied Geology), PhD, PGC (Postgraduate Supervision), Certificate (Medical Geology) and has over 10 years of teaching and research experience, authored/co-authored 18 peer reviewed journal articles, 3 book chapters and presented over 40 papers at national/international conferences. Current research interest in Applied Clay Mineralogy, Environmental Geology and Medical Geology

Assessment of the Impact of subsurface agricultural drainage on soil water storage andf of a small watershed

Mushombe Muma
Université Nouveaux Horizons,
Congo

Mushombe Muma is an Associate Professor at the Université Nouveaux Horizons in Lubumbashi (D.R. of Congo). Today it is difficult to think of water resources problem whose solution does not involve an application of watershed or hydrological model. Indeed hydrological models have become a main tool in addressing a wide spectrum of environmental and water resources problems, including water resources planning, development, design, operation, and management. Dr. Muma's specific research areas include Modeling of surface-subsurface water interactions at the watershed scale; analysis of land-use patterns or human activities and climate change impacts on groundwater recharge or river flows; modeling of water losses from crops; analysis of physical and hydraulic properties of soils.

Determination of groundwater flow direction using hydraulic head measurement in ndele, emouha l.g.a, rivers state, Nigeria

Willabo Miepamo
University of Port Harcour

Willabo Miepamo has a passion for conservation and preservation of the environment from further deteriorating. He organizes seminars, lectures and workshops to create public awareness on the dangers of groundwater contamination in host communities to multinational Oil companies. He holds a master degree in hydrogeology from the University of Port Harcourt , Nigeria. He teaches in the Federal Polytechnic Ekowe and provides solution to groundwater contamination challenges facing Southern Niger Delta States of Nigeria.

SPEAKER SLOTS AVAILABLE

Identification of hydrologic-landscape regions in piracicaba, capivari and jundiaí rivers basins, brazil

Matheus H Mortene
Unicamp Faculty of Technology, Brazil

Matheus Mortene is an Environmental Engineer with experience in the use of Geographic Information Systems - GIS. Works on the development of techniques for watershed management and studies on the impact of climate change on agriculture. The present study was developed as a master's thesis at the School Technology of State University of Campinas, Brazil and collaborates with the management of water resources in the watersheds of the Piracicaba, Capivari and Jundiaí Rivers.

Assessment of liquefaction eventuality of wetland sands of lagos, south-western nigeria, using geophysical and geotechnical methods

Oyedele, K. Festus
University of Lagos

Oyedele, K. Festus has a Bachelor degree in Geology and a PhD degree in near surface Geophysics. He has more than twenty years' experience in teaching and consulting in near surface geophysics. Special interest includes: soil investigation and treatment, geological hazards investigation, environmental pollution, groundwater investigation and oil and gas exploration. Currently he is a Professor and Head, Department of Geosciences, University of Lagos, Lagos State, Nigeria.

First order modeling of the release of ammonium and nitrate from sulfur amended composts applied to sandy soils.

Reda R. Shahin
Cairo University

Reda Shahin graduated in Soils department, Faculty of Agric. Cairo University in 1971, and got M.Sc. in 1975 about Ph.D. in 1980 about the mechanisms involved in aggregate formation in calcareous soils. He is a Professor of Soil Chemistry & Mineralogy, Soils Department, Faculty of Agriculture Cairo University, Treasurer of the Scientific Committee for Assistant professor Degree (Soil Science), Supreme Council of Egyptian Universities, Faculty Member of Quality Assurance Board, Reviewer expert in National Authority for Quality Assurance and Accreditation of Education (NAQAA) and Reviewer of the Arabian Journal of Geosciences (Springer). He got State Award in Agriculture, Egyptian academy of Science & Technology, 1989, Presidency Excellence Medal (1995), SABEC award of Agriculture, Saudi Arabia, 1998, and WHO's WHO Award 2000.

SPEAKER SLOTS AVAILABLE

The effect of adding sewage sludge on the productivity of cotton, wheat, and corn and the accumulation of some heavy metals in soil and crops

Omar Jouzdan
Arab Center for the Studies of Arid Zones and Dry Lands,

Omar Jouzdan is a researcher and expert on sustainable land management and non-conventional water uses such as treated water, brackish water and gray water. Has research and studies in the field of environmental pollution of natural resources (soil, water and plants), and find appropriate treatment and protection methods. Increase soil productivity to increase farmers' incomes and improve their livelihoods, and thus contribute to agricultural development.He has many scientific researches on the management of the uses of salt water, treated wastewater and sludge in agricultural irrigation, as well as improving the properties of physical, chemical and fertility soil, and increasing yield and production. As well as research on environmental pollution.

Fertilizers influence on mineralogical composition of agro-gray soil

Roman Ushakov
Ryazancky State University,
Russia

Statement of the Problem: It was established earlier that the processes of the destruction of minerals are significantly influenced by a sharp change in the reaction of the medium to the acidic or alkaline side, the processes of the soil mass dispersing. The purpose of this work is to analyze the mineralogical composition of fractions of different dimensions, in long-term field tests with **mineral** and organic fertilizers. Methodology: The objects of the study were fractions of silt, fine and medium dust, the residue of agro-gray loamy soils in long-term field tests. Findings: The increase of soil acidity, in the topsoil, and silicon content in variants with long-term use of fertilizers indicated that processes of minerals carrying nutrients destruction processes.

Scarcity in plenty: Problems of water resource management in kashmir valley

Nawaz Ahmed
INDIA

Nature has bestowed the valley of Kashmir with ample water resources in the form of glaciers, lakes, surface and ground water. Water is one of the most precious natural resources and a key element in the Socio-economic development of a nation. On the basis of the detailed analysis of the water resources of Kashmir Valley, it is found that water in plenty is available through rainfall, snowfall, glacier melt and underground water. But on the basis of the utilization of water it is characterized as scarcity in plenty. There are four major indicators used so far to measure the 'Scarcity in Plenty' and 'Plenty in Scarcity'. If hundred per cent cultivated areas are not irrigated for agricultural purposes and availability of water in plenty is there both surface and underground, it indicates that we are not familiar with the irrigation machinery to use the water.

SPEAKER SLOTS AVAILABLE

Removal of directs dyes from wastewater by cotton fiber waste

Mohamed -zine Messaoud-Boureghda
M'hamed Bougara University

Environment protection is a precondition for sustained growth and a better quality of life for all peoples on earth. Aqueous industrial effluents are the main sources of pollution. Among the compounds of these effluents, dyes are particularly resistant to discoloration by conventional methods, and discharges present many problems that must be supported. Synthetic dyes are used in industrials sectors; especially in the textile, industry. there is a certain selectivity of raw cotton fibers for the different types of dyes, depending on the chemical structure of the dyes. We note that this affinity is very high for direct dyes and decreases for reactive dyes and pigment dyes.

Pedogenic shift vs renewable soils

Bipin B Mishra
Haramaya University

Pedology is neither dead nor buried, but it has shifted to its new dimension that is full of scientific opportunities. A fresh rock during rain gets covered with phototrophic bacteria, blue green algae or lichen and begins to weather with the most fundamental process leading to inception of soil formation in presence of light radiation under rainy season (photopedogenesis). Today's soils in their three critical zones (surface, rhizosphere and aquifer) are no more a natural, since the whole pedon suffers invariably from diversified types of threats (chemical, physical and biological) being caused mainly by anthropogenic intervention. In order to restore the qualities of soil resource, the balanced as well as sustainable soil management has currently become an integral part that contributes to pedogenesis significantly by influencing soil development and soil resilience.

Soil fertility mapping of the experimental farm of school of agriculture in lovely

Jaihoon Rafie
Lovely Professional University, India

Soil test based fertilization has now been recognized as an effective technology for achieving better use efficiency of fertilizers and also for sustaining the productivity of agricultural soils. However, large scale adoption of plot to plot soil analysis in various developing countries like India is often hindered by predominance of fragmented land holdings and also lack of infrastructural facilities. An investigation was carried out to understand the soil fertility statues and prepare maps of different fertility parameters of Experimental Farm of School of Agriculture in Lovely Professional University, Phagwara, Punjab. The Experimental Farm is the farm is situated at latitude 31.250N and longitude 750E as per goggle map coordinates along with altitude of above 232m above mean sea level.

SPEAKER SLOTS AVAILABLE

Isolation and characterization of some chlorpyriphos-degrading bacteria from different ecological niches of the province of Ouargla

Nabiha Aloui
University of Ghardaïa

Our study focused on the isolation and identification of certain bacterial strains that appear to have an ability to degrade chlorpyrifos ethyl in agricultural soils in the region of Ouargla (Ain Moussa).The soil sample contaminated with pesticide tested, has a pH of 7.6, an electric conductivity result ingsalty soil and an average organic matter content That's characteristics have certainly fostered development of bacterial microflora. Microbial analysis of this sample revealed the presence of nine isolated and identified strains affiliated to the *generaEscherichia, Pseudomonas, Acinetobacter, Moraxella and / or Bordetella*.

Evaluating effects of conventional practice and straw mulch applications on moisture conservation in semi arid Ethiopia

Asrat Fikre
Water Resource Research Center, Arbaminch institute of technology

The dry land areas of Ethiopia account for more than 66.6% of total land area, and are substantial crop producing areas fall within the semi-arid parts. As a result, crops experience moisture stress at any time during their growth stage. The first action to improve agricultural production in the dry land areas is to apply moisture conservation techniques and then use the limited water efficiently for enhancing water productivity. A study was conducted at Holte kebelle of Dirashae district from April 1, 2016 – July 31, 2016 to evaluate effects of conventional practice and straw mulch applications on soil moisture conservation and yield of sorghum under rain-fed agriculture with six levels of sorghum straw mulch. The experiment was designed as a single factor experiment in randomized complete block design and replicated four times.

Relationship of soil genesis with cation exchange capacity changes in pothwar region of Pakistan

Hassnain Ahmad
PMAS Arid Agriculture University

Cation exchange capacity (CEC) is controlled by different soil properties like clay content, organic matter, pH and weathering processes. A study was carried out to investigate the relationship of soil genesis with soil CEC changes in four parent materials derived soils. Soil samples were collected at different development stages (highly, moderately and least weathered) from Chakwal, Rajar and Rawalpindi series derived from loess, Gujranwala, Argan and Shadra series from alluvium, Muree, Ghoragali and Tirnul series from shale and Balksar, Kahuta and Qazian series from sandstone. The variance was analyzed by taking parent material and soil (pm) as class variables and the values at different depths as the multiple dependent variables by using Proc Global Learning Modal (GLM). Soil pH, dissolved and total organic carbon, clay content and extractable iron and aluminum of each sample were determined by specified methods.

SPEAKER SLOTS AVAILABLE

Effects of animal wastes on potassium quantity – Intensity parameters of sandy loam, loamy sand and sandy clay loam soils

Abidemi taiwo
Moshood Abiola Polytechinc

The study was conducted to investigate the effects of three animal wastes, namely poultry, cattle and goat manure on the quantity- intensity of potassium and uptake as it relates to maize cultivation in some soils of Ogun –state, South-western Nigeria. The research was carried out in screen house at Moshood Abiola Polytechnic, Abeokuta ; the treatments were arranged in completely randomized design. The agricultural wastes were applied at following rates; 25g, 50g, 75g and 100g (screen house) which are equivalent 0.49 t ha-1, 0.94 t ha-1, 1.41 t ha-1 and 1.88 t ha-1. Results of the study showed that the studied soils were predominantly sandy and slightly acidic. Large portion of K in the studied soils occurred in non –exchangeable form.

Artificial topography increases pollution risk and changes the growth strategy of *Spartina alterniflora*

Chongling Yan
Xiamen University, China

Chongling Yan has his expertise in the biogeochemical process of heavy metals and organic pollutants (POPs) in wetland ecosystem（water/sediment/plant）. he have made some progress in distribution of heavy metals and the relationship between them and plants, environmental conditions and chemical-physical properties in estuary sediments, speciation distribution of heavy metal in the mangrove sediment, the influence of mangrove roots on bio-availability of heavy metals.

Mineralisation and mobilization of biosolids phosphorus in soil

Abubakar Musa Ahmad
Kaduna State University

Biosolids are product of waste water or municipal solid waste collected through sewerage treatment, the processes of obtaining the biosolids involves various treatment processes which include digestion, thermal stabilization, thickening, dewatering and drying in order to obtain a free pathogen granules. These processes undergone by wastewater in the treatment plant ultimately clean the wastewater and remove the solids which are further treated to an acceptable standard for beneficial soil amendments. The application of biosolids are considered to improve soil organic matter, moisture content and provided essential nutrients such as nitrogen and phosphorus in arable land as potential plant nutrients supplements for crop optimum yield.

SPEAKER SLOTS AVAILABLE

Anthropogenic changes in water storage in peat deposit in intramountain orawa – nowy targ basin (western carpathians)

Adam Łajczak
Pedagogical University of Kraków, Poland

The aim of the presentation is evaluation of the scale of changes in water storage in peat deposit in the Orawa – Nowy Targ Basin (643 km2) in the Western Carpathians, influenced by human activity since the Middle Ages to 2015. It is one of 31 intramountain basins in the Western Carpathians which is almost totally covered by vast fluvioglacial fans rich in groundwater and the only one basin which stores large amounts of water in vast peatbogs, especially raised bogs. At present habitats of hydrophilous vegetation excluding peat, fens, residual domes of raised bogs and post-peat areas with preserved thin layer of peat cover 12% of the basin area.

Prevention of E. coli contamination of plant by restoring soil cohesion with substances of earthworm castings

Daniel Jin Won Kim
Yongsan International School of Seoul, South Korea

Daniel Kim has been an active environmentalist who is interested in public health and the environmental sciences. He has been involved in numerous volunteering work such as teaching elementary students about environmental concerns. He has also been actively involved in various research that correlates the health of the soil to to the production of bacteria. This has inspired him to study how earthworms retain soil cohesion to inhibit the growth of E.coli on plants. This study adds and broadens the perspective of how earthworms maintain crucial roles in our ecological system.

Annual stream flows time series modelling of karkheh river at iran

Karim H. Machekposhti
Islamic Azad University

Karim hamidi macheekposhti is Ph.D in Water Resource Engineering, Islamic Azad University, Science and Research Branch, Tehran, Iran. He studydifferent time series model such as ARMA or ARIMA for hydrologic and climate parameters. He evaluated ability of these models for annual period. These models are responsive to all hydrologists and have a different way of focusing on forecasting hydrologic and climate parameters in future.

SPEAKER SLOTS AVAILABLE

Harvesting flood water to recharge groundwater in kabul basin

Aqili Sayed Waliullah
Capital Region Independent Development Authorities

Sayed Waliullah Aqili is from Afghanistan and graduated from Geosciences faculty, Kabul University. Also gotten master degree in Civil and Environmental Engineering department at the field of Groundwater Management from Kumamoto University of Japan. During the master course, established different modified tank model to conduct a simulation of groundwater level fluctuation of Kumamoto groundwater and Kabul basin. Now is working with Capital Region Independent Development Authorities (CRIDA) since 2010 as water resources manager.

Peroxidase extraction from radish fertilized by wastewater and sugar lime sludges composts

Soukaina Rida
Caddi Ayyad university, Morocco

Soukaina Rida is a PhD student, age 29 years from Cadi ayyad university, has eshtablished one year scholarship at university politecinca of valencia to do a reaserch about phytohormones in wastewater and sugar lime sludges composts, one publication is submitted to publication, currently writting her thesis.

Soil erosion the siberian agricultural lands (Russia)

Elizaveta Tyumentseva
Irkutsk State University, Russia

Tyumentseva Elizaveta M. is an associate professor of geographical sciences at Irkutsk State University. She is a candidate of Geographical Sciences. Tyumentseva is a specialist in the field of physical geography and geomorphology. She has been studying the morphology and dynamics of erosion relief, erosion and deflation of soils in Siberia for the past 40 years. She implemented experimental studies of soil erosion on virgin lands and agricultural lands at the Institute of Geography of the Siberian Branch of the Russian Academy of Sciences in different regions of Siberia. She is the author of more than 100 articles on soil erosion, deflation and ravine issues. She has published in leading Russian and foreign journals.

SPEAKER SLOTS AVAILABLE

Soil quality index; An effective approach to assess soil quality in indonesia

Latief M Rachman
Bogor Agricultural University, Indonesia

Latief Mahir Rachman has his expertise in soil science (particularly in soil conservation and soil physics) and watershed management. He is a lecturer in Department Soil Science and Land Resources, Bogor Agricultural University. He has two master's degree; Soil Physics from Department Soil Science, University of the Philippines at Los Banos and MBA from Santo Tomas University, Philippines. Finally, he got doctoral degree in Soil Management from University of the Philippines at Los Banos. Currently, he is building a model of Soil Quality Index after years of experiences in evaluation, teaching, research, and extension in consultant works and education institutions related to agriculture, soil management, watershed management and environmental studies.

Watershed modelling of sediment and chemical transport in the malewa river basin, kenya

Yasser Abbasi
University of Twente, Netherlands

Yasser Abbasi is PhD student in department of water resources at the Faculty of Geo-information Sciences & Earth Observation (ITC) of the University of Twente (NL). His background is soil and water science. Since 2015 he has been focusing on water pollution in the Lake Naivasha, Kenya. This paper presents a part of his research for modeling agrochemicals transportation in the watershed

Effects of nutrient supply on soil respiration

Tibor Aranyos
University of Debrecen IAREF, Hungary

I have been working at the University of Debrecen Research Institute of Nyíregyháza from 2010. During my work I have gained a lot of experience in the fields of waste management and soil improvement. In the Department of Soil Biology and Soil Utilisation I research the soil physical properties of different soil types. I am working on the elaboration of wastes from different origin for agricultural utilization, the research of complex improvement of sandy soils and the development of alternative environmentally sound cultivation methods. In „Effect of climate change and plant nutrition on the carbon cycle of soil-plant system in two long-term experiments" project I done soil and plant analysis connected to the carbon cycle for studying the long-term effects of different farming systems to reduce soil CO2-emission. I regularly published my research results in Hungarian and international scientific journals and I presented it in professional forums and at conferences.

SPEAKER SLOTS AVAILABLE

Evaluation of electron shuttles role in regulating acc deaminase activity of serratia odorifera strain to ameliorate water stress on corn plant

Rabia Tahir
Arid Agriculture University

A great challenge for the agricultural sector is to produce more food from less water, particularly in arid and semi-arid region which suffer from water scarcity. A study was conducted to evaluate the effect of electron shuttles (ESs) in regulating 1-Aminocyclopropane-1-Carboxylate ACC-deaminase activity to ameliorate water stress on corn. Plant growth promoting bacteria (PGPB) containing enzyme ACC-deaminase which facilitate plant growth by decreasing plant ethylene level especially by reducing environmental stress. Effect of best (ESs) was evaluated under water stresses condition of (45%, 60%, 75%, and 100%).

SPEAKER SLOTS AVAILABLE

Glimpses of Soil Science Conference

















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Major Scientific Sessions

- Major Scientific Sessions
- Soil Management
- Soil Corruption
- Soil Erosion
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- Soil Fertility
- Wastewater Treatment
- Soil Moisture
- Water Cycle
- Water Resource Management
- Hydrology
- Water Pollution
- Water Conservation
- Fresh Water Ecosystem
- Water Quality
- Hydrogeology
- Infiltration Process
- Ground water Recharge and Water harves
- Surface Hydrology/Surface Water
- Ground Water Exploration by Geophysica Methods
- Pedology and Soil Horizons
- Soil Science: Agriculture

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
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- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
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December 04-05, 2017 | Madrid, Spain

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Day 1 December 04, 2017

Registrations

Hall @ Burgos

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Opening Ceremony

Keynote Forum

Introduction

Title: Irrigation management effect on water dynamics of citrus huanglongbing trees and soil

Kelly T Morgan, University of Florida, USA

Group Photo & Networking and Refreshments Break

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

Vladimir I Andreev, NRU MGSU, Russia

Sessions: Soil Biology and Biochemistry | Soil Microbiology | Soil Water Mangement | Soil Erosion | Soil Conservation

Session Chair: Kelly T Morgan, University of Florida,USA

Session Co-Chair: Nataliya P Kirillova, Moscow State University, Russia

Session Introduction

Title: Soil biodiversity: A pivotal element that sustains soil functions

Cristina Menta, University of Parma, Italy

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

Edwige Vannier, LATMOS, France

Title: Orchard floor management effect on soil microbial community

Yosef Steinberger, Bar-Ilan University, Israel

Lunch Break

Title: Critical factors driving soilborne root disease epidemics in clovers revealed and explained

Ming Pei You, University of Western Australia, Australia

Title: Harvesting rainfall in dense clay subsoils to increase yields of rain-fed crops

Peter W Sale, La Trobe University, Australia

Title: Innovations in soil color characterization: From Munsell color charts to flatbed scanners and digital cameras

Nataliya P Kirillova, Moscow State University, Russia

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

Lidija Galovic, Croatian Geological Survey, Croatia

Title: Scaling properties of soil images

Ivan G Torre, Technical University of Madrid, Spain

Networking and Refreshments Break

Panel Discussion

Day 2 December 05, 2017

Hall @ Burgos

Keynote Forum

Introduction

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

Bodoque J M, University of Castilla-La Mancha, Spain

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

Irena Ymeti, University of Twente, The Netherlands

Sessions: Pedology | Agronomy| Soil Mechanics |Soil Fertility| Soil Pollution| Edaphology

Session Chair: Bodoque J M, University of Castilla-La Mancha,Spain

Session Co-Chair: Nataliya P Kirillova, Moscow State University, Russia

Session Introduction

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

Margarida Arrobas, Polytechnic Institute of Bragança, Portugal

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

Kamel Bezih, Mostefa Ben Boulaid University, Algeria

Networking and Refreshments Break

Title: Effects of continuous potato monoculture on microbial community diversities and taxa abundances in potato rhizosphere soil

Hui-zhen Qiu, Gansu Agricultural University, China

Title: Shear strength of naturally cemented calcrete soil compared to artificially cemented and un-cemented sand

Shaqour F, University of Jordan, Jordan

Title: Cover cropping in rainfed olive orchards

M Angelo Rodrigues, Polytechnic Institute of Bragança, Portugal

Title: Advanced electrochemical treatments for soil remediation

Emmanuel Mousset, Universite de Lorraine, France

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

Victor Scartezini Terra, University of Rio Verde, Brazil

Lunch Break

Poster Presentations

SS1	**Title: Studies on soils fertility and tree nutritional status in chestnut groves** **Margarida Arrobas,** Polytechnic Institute of Bragança , Portugal
SS2	**Title: Effect of liming on olive tree (cv. Cobrancosa) grown in acidic soils** **M Angelo Rodrigues,** Polytechnic Institute of Bragança , Portugal
SS3	**Title: Habanero chili plants: Hardness dependency on the type of soil** **Ramirez-Sucre M O,** CIATEJ, Mexico
SS4	**Title: Dynamics of nitrogen mineralization in a soil cultivated with wheat (Triticum durum L.) under conventional tillage at Mexicali Valley, Baja California, Mexico** **Silvia M Aviles,** Autonomous University of Baja California, Mexico
SS5	**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, Poland

Sessions:

Title: Trace element data for surface soil and moss in Norway analyzed by PMF and PCA with optional CLR transformation

Erik R Christensen, University of Wisconsin–Milwaukee, USA

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

Rodriguez-Buenfil I M, CIATEJ, Mexico

Title: Eighteen years of research on soil management systems in rainfed olive groves

M Angelo Rodrigues, Polytechnic Institute of Bragança, Portugal

Title: Spatial-scale prediction of soil vegetation atmosphere transfer (SVAT) soil hydraulic variables 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: Assessment of the use of bacterial inoculants for improving the agromining potential of Ni-hyperaccumulating plant species at field-scale

Tania Pardo, IIAG-CSIC, Spain

Networking and Refreshments Break

Panel Discussion

Awards & Closing Ceremony



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International Conference on

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Day 1 October 06, 2016

Registrations

Salon 5 & 6

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Opening Ceremony

Keynote Forum

Introduction

Title: E-The great energy enrichment

Kathleen Hartnett White, Texas Public Policy Foundation, USA

Group Photo

Networking & Refreshments

Title: May underground gas storage induce/trigger anthropogenic seismicity?

Giuseppe Gambolati, University of Padova, Italy

Sessions:
Environmental Science | Geosciences | Geography | Soil Science

Session Chair: Kathleen Hartnett White, Texas Public Policy Foundation, USA

Session Introduction

Title: Solvent-free and non-heating decontamination processing of radioactive cesium in contaminated soils using nano-Fe/Ca/CaO/[PO_4] dispersion

Yoshiharu Mitoma, Prefectural University of Hiroshima, Japan

Lunch Break

Title: Spectral re-evaluation of the magnetic basement depth over yola arm of upper Benue Trough Nigeria using aeromagnetic data

Emberga Terhemba Theophilus, Federal Polytechnic Nekede, Nigeria

Title: Impact of natural environment on the development of remote areas: Siwa Oasis, Western Desert, Egypt

Ahmed M El Shishtawy, Tanta University, Egypt

Title: Spatial-temporal occurrences of sinkholes

Mary J Thornbush, Brandon University, Canada

Title: Analysis of changes in soil physical properties as an indicator of pollution in North Jakarta

Fatah Ramdhan, Padjadjaran University, Indonesia

Networking & Refreshments

Title: Appraisal of the static parameters of rock mass deformation (D) by seismology and seismic petit tests

Reza Zahmatkesh Sarughi, Ferdowsi University of Mashhad, Iran

Title: Dynamics and conservation of Saskatchewan glacier

Anar Samedi, University of Calgary, Canada

Panel Discussion

Day 2 October 07, 2016

Salon 5 & 6

Sessions:
Geophysics | Geosciences | Remote Sensing/GIS | Oceanography And Marine Science

Session Chair: Giuseppe Gambolati, University of Padova, Italy

Session Introduction

Title: Lattice Boltzmann modeling of buoyant rise of single and multiple bubbles

Shadab Anwar, Valencia College, USA

Networking & Refreshments

Title: The influence of depositional and structural attributes on oilrate and basic sediment & water

Prince Suka Momta, University of Port Harcourt, Nigeria

Title: Structural investigation and stratigraphy of Mirpur Azad Kashmir, NW Himalayas, Pakistan

Imran Ullah, University of Azad Jammu and Kashmir, Pakistan

Title: Assessment of wet precipitation and harvested rainwater quality from different types of roof materials in Hebbal urban area, Bengaluru – India

G P Shivashankara, P E S College of Engineering, India

Title: Geophysical investigation of groundwater level using vertical electrical sounding - A case study of Ewuln Edo State, Nigeria

Atumah O Lawrence, Delta State Polytechnic, Nigeria

Title: Modeling the seasonal changing trends of sea water in the Ras Al Hadd

F S Sharifi, Islamic Azad University, Iran

Lunch Break

Title: Forest biodiversity mapping using airborne LiDAR and hyperspectral data

Yuan Zeng, Institute of Remote Sensing and Digital Earth-CAS, China

Networking & Refreshments

Title: Spatial assessment of some physiochemical properties of rainwater around Ewekoro industrial area, Nigeria

Bello Mojeed Adetunji, Obafemi Awolowo University, Nigeria

Title:Trap identification and fluid contact mapping over 'Rainbow' field, Niger Delta

Oladipo Abimbola Victor, University of Ilorin, Nigeria

Panel Discussion

Award Cermony



Bookmark your dates

2nd International Convention on

Geosciences and Remote Sensing

November 02-03, 2017 Las Vegas, USA

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5th International Conference on

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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



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6th International Conference on

Earth Science and Climate Change

September 18-19, 2017 Macau, Hong Kong

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