Scientific Program

World Congress on Geochemistry and Marine Science

November 16-17, 2017 | Atlanta, USA



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November 16	
Conference Hall: Majestic II	
09:00-09:30	Registrations
Opening Ceremony @ 09:30-10:00	
Keynote Forum	
10:00-10:40	**Title: Reservoir fluid geodynamics; the missing link in reservoir evaluation**
	Oliver C. Mullins, Schlumberger, USA
10:40-11:20	**Title: Nutritional and biomarker lipids in marine food webs**
	Christopher Parrish, Memorial University of Newfoundland, Canada
Panel Discussion	
Group Photo	
Coffee Break 11:20-11:40 @ Piedmont Prefunction	
11:40-12:20	**Title: Fractionation of Ccarb accumulation between continents and the World Ocean during late Mesozoic Cenozoic**
	Mikhail Levitan, Vernadsky Institute of Geochemistry and Analytical Chemistry RAS, Moscow, Russia
Session I: Isotope Geochemistry | Petroleum Geochemistry | Biogeochemistry | Applied Geochemistry | Eutrophication | Mass Spectrometry	
Session Chair: Kanhaiya Lal Shrivastava, Jai Narain Vyas University, India **Session Co-chair: M. Isabel Dias,** University of Lisbon, Portugal	
Session Introduction	
12:20-12:40	**Title: Effect of hydrous pyrolysis on isotope type-curves of organic matter and oil**
	Viacheslav Sevastianov, Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russia
12:40-13:00	**Title: Molecular insight into bacterial metabolism of oceanic dimethylsulfoniopropionate (DMSP)**
	Yu-Zhong Zhang, Shandong University, China
Panel Discussion	
Lunch Break 13:00-14:00 @ Ballroom Prefunction	
14:00-14:20	**Title: Heterogeneity and reactivity of Acid Mine Drainage Systems: Monitoring challenges**
	Teresa Valente, University of Minho, Portugal
14:20-14:40	**Title: REE geochemistry in surficial environments and acid mine drainage**
	Maria Isabel Prudêncio, University of Lisbon, Portugal
14:40-15:00	**Title: The key biogeochemical processes in the cultivation ecosystem of seaweed *Gracilaria lemaneiformis* and the bioremediation effects**
	Yufeng Yang, Jinan University, China
Panel Discussion	
Session II: Soil Geochemistry | Brackish Water | Marine Biology | Marine Nutrients | Marine Chemistry | Marine Natural Products	
Session Chair: Christopher Parrish, Memorial University of Newfoundland, Canada **Session Co-chair: Maria Isabel Prudêncio,** University of Lisbon, Portugal	
15:00-15:20	**Title: Calcium alginate from marine brown alga contributes to fast lead elimination in preschool children**
	Maksim Khotimchenko, Far Eastern Federal University, Russia
15:20-15:40	**Title: Geochemical and integrated prospects of calcrete type uranium deposit in the Indian desert**
	Kanhaiya Lal Shrivastava, Jai Narain Vyas University, India

Panel Discussion	
Coffee Break 15:40-16:00 @ Ballroom Prefunction	
16:00-16:20	**Title: Immunomodulatory activity of purified sulphated polysaccharides (ST-DFII) from *Sargassum tenerrimum* on cyclophosphamide treated immunosuppressed rats**
	Anant Achary, Kamaraj College of Engineering and Technology, India
16:20-16:40	**Title: Climate change related biogeochemical and physical feedback mechanisms**
	Sally Walker, Dalhousie University, Canada
Panel Discussion	
Session Adjournment	

November 17

Conference Hall: Majestic II

Keynote Forum

09:30-10:10	**Title: Dynamics of community lead geochemistry and children's blood lead ten years after Hurricane Katrina: Update for metropolitan New Orleans**
	Howard W. Mielke, Tulane University School of Medicine, USA
10:10-10:50	**Title: Clays in the Critical Zone: Regolith mineralogy using X-ray powder diffraction and chemistry**
	Paul A. Schroeder, University of Georgia, USA
Panel Discussion	
Coffee Break 10:50-11:10 @ Piedmont Prefunction	
Session III: Environmental Geochemistry | Biogeochemistry | Deep Sea Mining | Marine Geology | Material Science | Aqueous Geochemistry | Fisheries Biology and Management	
Session Chair: Viacheslav Sevastianov, Vernadsky Institute of Geochemistry and Analytical Chemistry, Russia **Session Co-chair: Anant Achary,** Kamaraj College of Engineering and Technology, India	
Session Introduction	
11:10-11:30	**Title: Geochemistry in environmental studies: An approach to environmental geochemistry**
	Rodriguez-Espinosa P.F, Instituto Politécnico Nacional, México
11:30-11:50	**Title: Chemistry, mineralogy and iron speciation of mine tailings to identify potential metals secondary sources**
	M. Isabel Dias, University of Lisbon, Portugal.
11:50-12:10	**Title: Geochemical mapping of the Tugela Terrane, KwaZulu-Natal, South Africa: Semi-regional soil survey**
	Mehdi Bensid, Council for Geoscience (CGS), South Africa
12:10-12:30	**Title: Plant based nanoparticles used as a photocatalytic agent**
	V. Sai Saraswathi, VIT University, India
12:30-12:50	**Title: The risk assessment framework of environmental chemicals in China**
	LIU Zheng-tao, Chinese Research Academy of Environmental Sciences, China
Panel Discussion	
Lunch Break 12:50-13:50 @ Ballroom Prefunction	
13:50-14:10	**Title: Impact of pollution on marine environment**
	Lebi Oluwatosin Junior, Federal college of fisheries and Marine Technology, Nigeria
Video Presentations @ 14:10-15:10	

V 01	**Title: Surveying the dynamics of simultaneously acting sources and factors through the combination of chemometric tools: Insights from bottom sediments of a highly**
	Matilda Mali, Polytechnic University of Bari, Italy
V 02	**Title: Geochemical ecology and its significance in present biospheric research**
	Viliam Sarian, FSUE Scientific Research Institute of Radio, Russia
V 03	**Title: Development of strategies to evaluate methods of controlling eutrophication in water bodies**
	Anne M. Hansen, Mexican Institute of Water Technology, MEX
V 04	**Title: Influence of environmental factors on the population of coliform bacteria in the coastal region of Sundarban Mangroves, India**
	Subhajit Das, University of Calcutta, India
Panel Discussion	
Poster Presentations @ 15:10-16:10	
Poster Judge: Yu-Zhong Zhang, Shandong University, China	
GCMS 01	**Title: Regional Airborne Soil Geochemical Survey of the Namaqualand region, Northern Cape, South Africa**
	N.C. Mukosi, Council for Geoscience (CGS), South Africa
GCMS 02	**Title: Expression of coat protein of nervous necrosis virus by probiotics**
	Ying-Tang Huang, National Kaohsiung Marine University, Taiwan
GCMS 03	**Title: Assimilation of carbon monoisotopic forms by living organisms**
	Andrey Ivanov, Vernadsky Institute of Geochemistry and Analytical Chemistry RAS, Russia
GCMS 04	**Title: Study on the impact of shift work on the risk of cardiovascular problems among textile mill workers of Pali district**
	Raka Shrivastava, J.N.V University, India
GCMS 05	**Title: Trace metal distribution and potential isotope systematics (e.g. Mg, Sr) in Tufa; Turner Falls, Oklahoma**
	Parsa Raftein, University of Mississippi, USA
GCMS 06	**Title: New steroids isolated from the marine sponge *Acanthodendrilla sp.***
	Margarida Costa, University of Iceland, Iceland
GCMS 07	**Title: Observations of tidal and subtidal circulation in the inlet of Alvarado Coastal Lagoon, Mexico**
	Héctor Perales-Valdivia, Veracruz University, Mexico
Panel Discussion	
Coffee Break 16:10-16:30 @ Ballroom Prefunction	
Award Ceremony	
Thanks giving & Closing Ceremony	