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Scientific Program

World Congress on

Geochemistry and Marine Science

November 16-17, 2017 Atlanta, USA

Pulsus Group
40 Bloomsbury Way, Lower Ground Floor, London, United Kingdom, WC1A 2SE, USA/Canada
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November 16	
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 Petroleum Engineering at Texas A&M University, USA
10:40-11:20	Title: Nutritional and Biomarker Lipids in Marine Food Webs
	Christopher Parrish Memorial University of Newfoundland, Canada
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,** Universidade de Lisboa, 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
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 Universidade de Lisboa, 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 @ 15:00-15:10	
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,** Universidade de Lisboa, Portugal	

15:10-15:30	**Title: Calcium Alginate from Marine Brown Alga Contributes to Fast Lead Elimination in Preschool Children**
	Maksim Khotimchenko Far Eastern Federal University, Russia
15:30-15:50	**Title: Geochemical and Integrated Prospects of Calcrete Type Uranium Deposit in the Indian Desert**
	Kanhaiya Lal Shrivastava Jai Narain Vyas University, India
Panel Discussion @ 15:50-16:00	
Coffee Break 16:00-16:20 @ Ballroom Prefunction	
16:20-16:40	**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
16:40-17:00	**Title: Climate change related biogeochemical and physical feedback mechanisms**
	Sally Walker Dalhousie University, Canada
Panel Discussion @ 17:00-17:10	
Session Adjournment	

November 17

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, Athens, USA
Panel Discussion @ 10:50-11:00	
Coffee Break 11:00-11:20 @ 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

11:20-11:40	**Title: Geochemistry in environmental studies: an approach to environmental geochemistry**
	Rodriguez-Espinosa P.F Instituto Politécnico Nacional, México
11:40-12:00	**Title: Chemistry, mineralogy and iron speciation of mine tailings to identify potential metals secondary sources**
	M. Isabel Dias Universidade de Lisboa, Portugal.

12:00-12:20	**Title: Geochemical mapping of the Tugela Terrane, KwaZulu-Natal, South Africa: semi-regional soil survey**
	Mehdi Bensid Council for Geoscience (CGS), South Africa
12:20-12:40	**Title: Plant Based Nanoparticles used as a Photocatalytic Agent**
	V. Sai Saraswathi VIT University, India
Panel Discussion @ 12:40-12:50	
Lunch Break 12:50-13:50 @ Ballroom Prefunction	
13:50-14:10	**Title: The risk assessment framework of environmental chemicals in China**
	LIU Zheng-tao Chinese Research Academy of Environmental Sciences, China
14:10-14:30	**Title: Impact of pollution on marine Environment**
	Lebi Oluwatosin Junior Federal college of fisheries and marine technology, Nigeria
Panel Discussion @ 14:30-14:40	
Video Presentations @ 14:40-15:40	
	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 Polytecnic of Bari, Italy
	Title: Geochemical Ecology and its Significance in present biospheric research
	Viliam Sarian FSUE Scientific Research Institute of Radio. Russia
	Title: Development of strategies to evaluate methods of controlling eutrophication in water bodies
	Anne M. Hansen Mexican Institute of Water Technology, MEX
	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
Coffee Break 15:40-16:00 @ Ballroom Prefunction	
Poster Presentations @ 16:00-17:00	
Poster Judge: Yu-Zhong Zhang, Shandong University, China	
	Title: Regional Airborne Soil Geochemical Survey of the Namaqualand region, Northern Cape, South Africa
	N.C. Mukosi Council for Geoscience (CGS), South Africa
	Title: Expression of Coat Protein of Nervous Necrosis Virus by Probiotics
	Ying-Tang Huang National Kaohsiung Marine University, Taiwan
	Title: Assimilation of carbon monoisotopic forms by living organisms
	Andrey Ivanov Vernadsky Institute of Geochemistry and Analytical Chemistry RAS, Moscow, Russia

	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 Jodhpur, India
	Title: Trace metal distribution and potential isotope systematics (e.g. Mg, Sr) in Tufa; Turner Falls, Oklahoma.
	Parsa Raftein University of Mississippi, USA
	Title: New steroids isolated from the marine sponge Acanthodendrilla sp.
	Margarida Costa University of Iceland, Iceland
	Title: Observations of tidal and subtidal circulation in the inlet of Alvarado Coastal Lagoon, Mexico
	Héctor Perales-Valdivia Universidad Veracruzana, Mexico
Panel Discussion @ 17:00-17:10	
Award Ceremony	
Thanks giving & Closing Ceremony	