

World Congress on Geochemistry  
&  
World Congress on Marine Science  
Scientific Program  
Day 1 November 16, 2017

Registration & Souvenir Distribution

Opening Ceremony

Introduction

Keynote Forum

Title: Reservoir Fluid Geodynamics; the Missing Link in Reservoir Evaluation

Oliver C. Mullins, Petroleum Engineering at Texas A&M University, USA

Title: Nutritional and Biomarker Lipids in Marine Food Webs

Christopher Parrish, Memorial University of Newfoundland, Canada

Title: Fractionation of C<sub>carb</sub> accumulation between continents and the World Ocean during late Mesozoic-Cenozoic

Mikhail Levitan, V.I. Vernadsky Institute of Geochemistry and Analytical Chemistry RAS, Moscow, Russia

Panel Discussion

Group Photo

Networking & Refreshment Break

Sessions

Isotope Geochemistry | Petroleum Geochemistry | Marine Chemistry

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

Title: Climate change related biogeochemical and physical feedback mechanisms

Sally Walker, Dalhousie University, Canada

Title: Heterogeneity and reactivity of Acid Mine Drainage Systems: Monitoring challenges

Teresa Valente, University of Minho, Portugal

Title: REE geochemistry in surficial environments and acid mine drainage

Maria Isabel Prudêncio, Universidade de Lisboa, Portugal.

Panel Discussion

Lunch Break

Biogeochemistry | Soil Geochemistry | Marine Natural Products | Brackish Water | Marine Biology

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

Title: Calcium Alginate from Marine Brown Alga Contributes to Fast Lead Elimination in Preschool Children

Maksim Khotimchenko, Far Eastern Federal University, Russia

Title: Geochemical and Integrated Prospects of Calcrete Type Uranium Deposit in the Indian Desert

Kanhaiya Lal Shrivastava, Jai Narain Vyas University, India

Title: The key biogeochemical processes in the cultivation ecosystem of seaweed *Gracilaria lemaneiformis* and the bioremediation effects

Yufeng Yang, Jinan University, China

Title: Organic Nitrogen distribution in seven Tunisian soil types under contrasting pedogenetic conditions  
Imene Dridi, University of Tunis El Manar, Tunisia.

Title: Regional Airborne Soil Geochemical Survey of the Namaqualand region, Northern Cape, South Africa  
N.C. Mukosi, Council for Geoscience (CGS), South Africa

Panel Discussion  
Refreshment break  
Video Presentation

Title: Surveying the dynamics of simultaneously acting sources and factors through the combination of chemometric tools: insights from bottom sediments of a highly contaminated area  
Matilda Mali, Polytecnic of Bari, Italy

Title: Development of strategies to evaluate methods of controlling eutrophication in water bodies  
Anne M. Hansen, Mexican Institute of Water Technology, MEX

Title: Geochemical Ecology and its Significance in present biospheric research  
Villiam Saryan, Vernadsky Institute of Geochemistry and Analytical Chemistry, Moscow, Russia

Panel Discussion  
Session Adjournment  
Day 2 November 17, 2017  
Keynote Forum

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

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  
Networking & Refreshment Break  
Major Sessions

Environmental Geochemistry | Biogeochemistry | Marine Nutrients | Deep Sea Mining | Marine Geology

Title: Geochemistry in environmental studies: an approach to environmental geochemistry  
Rodriguez-Espinosa P.F, Instituto Politécnico Nacional, México

Title: Plant Based Nanoparticles used as a Photocatalytic Agent  
V. Sai Saraswathi, VIT University, India

Title: Chemistry, mineralogy and iron speciation of mine tailings to identify potential metals secondary sources  
M. Isabel Dias, Universidade de Lisboa, Portugal.

Title: Geochemical mapping of the Tugela Terrane, KwaZulu-Natal, South Africa: semi-regional soil survey  
Mehdi Bensid, Council for Geoscience (CGS), South Africa

Lunch Break

Material Science | Aqueous Geochemistry | Marine chemistry | Fisheries Biology and Management

Title: Molecular insight into bacterial metabolism of oceanic dimethylsulfoniopropionate (DMSP)  
Yu-Zhong Zhang, Shandong University, China

Title: Impact of pollution on marine Environment

Lebi Oluwatosin Junior, Federal college of fisheries and marine technology, Nigeria.

Title: The risk assessment framework of environmental chemicals in China

LIU Zheng-tao , Chinese Research Academy of Environmental Sciences, China

Title: Chemo-physicofacies of the oilfield water in the Zubair reservoir at Rumaila North Oilfield, Southern Iraq

Salih Muhammad Awadh , University of Baghdad, Iraq.

Panel Discussion

Refreshment break

Poster Presentation

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

Conference Adjournment