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3rd Global Annual Meeting on
Geologists & Oceanography

July 18-19, 2016 Brisbane, Australia



Theme- *“Profound discoveries about the origins and evolution of Geology”*

For Speaker Slots, please contact

geologists@insightsconferences.com

<http://annualmeeting.conferenceseries.com/geologists/>

Geologists 2016 Organizing Committee



Yury Stepanyants
Professor
University of Southern Queensland
Australia







Tadeusz Stacewicz,
Institute of Experimental Physics,
University of Warsaw, Poland



Subhasis Sen,
Professor Eminent, CSIRO, India



Yaoling Niu,
Institute of Oceanology, Chinese
Academy of Sciences, China

Day 1	
18-07-2016	
	Registrations
	Introduction
	Opening ceremony
	Group Photograph
Keynote Presentations	
09:00 to 09:30	Anomalies in the coastal zone of Asia-Pacific as a result of changes in global climate regime at the turn of 20-21 centuries
	Vladimir Ponomarev , Pacific Oceanological Institute, Russia
Keynote Slot Available	
	Track 1: Physical Oceanography
	Track 2: Acoustical Oceanography
	Track 3: Fisheries Oceanography
	Track 4: Ocean Biogeochemistry
	Track 5: Air Sea Interactions
	Track 6: Ocean Data Management
	Track 7: Marine Biology
09:30 to 09:55	Title: Transformation of Surface and Internal Waves at the Bottom Step
	Yury Stepanyants, University of Southern Queensland, Australia
09:55 – 10:20	Title: Simulation of mesoscale and sub-mesoscale circulation in the northwestern coastal region of the Japan Sea
	Vladimir Ponomarev, Russian Academy of Sciences, Russia
Networking and Refreshments 10:20 -10:45	
10:45 -11: 10	Title: Influence of seasonal runoff regulation by the Three Gorges Reservoir on saltwater intrusion in the Changjiang River estuary
	Jian-Rong Zhu, East China Normal University, China
11:10 – 11:35	Sensitivity of the Black Sea’s ecosystem to hydrodynamic processes
	Svetla miladinova , Institute for Environment and Sustainability Italy

<p>11:35 – 12:00</p> 	<p>Title: Expansion-Oriented View on Origin of Oceans</p> <p>Subhasis Sen, CSIRO, India</p>
<p>12:00- 12:25</p> 	<p>Sustainable Colonization of Macrobenthic Community in Submarine Tailing Placement Areas in Buyat Bay, North Sulawesi, Indonesia</p> <p>Inneke F M Rumengan , Sam Ratulangi University Indonesia</p>
<p>12:25- 12:50</p> 	<p>Living condition of hard corals at Buyat Bay, Southeast Minahasa Region</p> <p>Magdalena Irene , University of Manado Indonesia</p>
<p>Lunch Break 12:50 to 13:30</p>	
<p>13:30 – 13:55</p> 	<p>Title: Features of sedimentation in the equatorial part of the Mid-Atlantic Ridge</p> <p>Evgeniya Popova, I.S. Gramberg All-Russia Research Institute for Geology and Mineral Resources of the World Ocean, St. Petersburg, Russia</p>
<p>13:55 – 14:20</p> 	<p>The influence of environmental factors on growth and condition of larval Atlantic herring (Clupea harengus) in the Saint-Lawrence middle estuary in Quebec, Canada</p> <p>Laurence Lévesque , Université du Québec à Rimouski-Institute of Marine Sciences Canada</p>
<p>14:20 – 14:45</p> 	<p>Transparent exopolymeric particles within the St-Lawrence estuary : spatial and temporal distributions and effects of increasing global warming and ocean acidification</p> <p>Houssein Gaaloul , Université du Québec à Rimouski-Institute of Marine Sciences Canada</p>
<p>14:45 – 15:10</p> 	<p>Considering the Patterns of Barotropic Tidal Currents in Persian Gulf and Oman Sea</p> <p>Fatemeh sadat , Department of Physical Oceanography, Science and Research Branch, Islamic Azad University, Tehran, Iran Iran</p>

Networking and Refreshments 15:10 -15:35

15:35 – 16:00



Performance analysis of an Energy efficient cross layer protocol for underwater acoustic wireless sensor network

Sakthivel Murugan, SSN College of Engineering, Chennai, India

16:00 – 16:25



Use of single cell red alga as feed for Japanese sea cucumber *Apostichopus japonicus* in closed recirculating system

A. M. Shahabuddin, Mie University, Graduate School of Bioresources, Tsu, Mie Japan

16:25 – 16:50



Coupled multi-phase interactions model for carbon dioxide(CO₂) storage and sequestration using hydrates-forming method in marine sediments

Shu-Qing Hao , China University of Mining and Technology, China China

Panel Discussion 16:50 17:00

End of Day 1



Symposium on

Wave transformation in the coastal zone

Organizer
Yury Stepanyants

Professor
University of Southern Queensland, Australia



Workshop on

Special and Sensitive Marine Areas

Malgosia Fitzmaurice

Chair of Public International Law, Queen Mary University of London, UK



Day 2

19-07-2136

Track 7: Engineering Geology

Track 8: Marine Geology

Track 9: Geophysics and Geodynamics

Track 10: Mining Geology

Track 11: Environmental Geology

Track 12: Economic geology

Keynote Presentations

09:00 – 09:30

Determination of Atmospheric Aerosol Particle Size Distribution with multi-wavelength lidar



Tadeusz Stacewicz, Institute of Experimental Physics, University of Warsaw, Poland

09:30 – 10:00

Geological understanding of plate tectonics: Basic concepts, illustrations, examples and new perspectives



Yaoling Niu, Institute of Oceanology, Chinese Academy of Sciences, China

Networking and Refreshments 10:00 -10:25

10:00 – 10:25

Barr Al Hikman as an Important Nursery Ground for Blue Swimming Crabs Portunus segnis



Andy Kwarteng , Sultan Qaboos University Oman

10:25 – 10:50

Title ; Continental Drift and Plate Tectonics Vis-a-Vis Earth's Expansion: Probing the Missing Links for Understanding the Total Earth System



Subhasis Sen, CSIRO, India

10:50 – 11:15

Study on Deep Water Warming Trend and Ocean Contaminated State Restoration in the Bay of Bengal : The Implementation of Site Remediating Environmental Modelling



Hadi Nomana Intekhab, University of California at Berkeley, USA

11:15 – 11:35

Poster Presentations 11:35 -12:35

P1

The Harrat Al-Birk basalts in southwest Saudi Arabia: a characteristic alkali mafic magm related to the Red Sea rifting



**Rami A. Bakhsh, Department of Mineral Resources and Rocks,
King Abdulaziz University, Saudi Arabia**

P2

The photophysiological performance of benthic microalgae towards different environmental variables in the southern temperate wetlands



ShiHong Lee , Institute for Marine and Antarctic Studies Australia

P3

Design and implementation of an energy harvesting system using MFC with marine sediments for underwater applications



Sakthivel Murugan, SSN College of Engineering, Chennai, India

P4

Another method of measuring SWH with radar altimeter



Mikhail Kanevsky , Institute of Applied Physics of Russian Academy of Sciences Canada

Lunch Break 12:35 -13:20

13:20 – 13:45

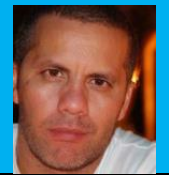
Satellite Radar altimetry applied to coastal ocean studies



Stefano Vignudelli , Consiglio Nazionale delle Ricerche (CNR), France France

13:45 – 14:10

Title: Dynamics of a Tropical Estuary: Sao Francisco Estuary, NE Brazil



Georgetnes H. Cavalcante, Federal University of Alagoas, Brazil

14:10 – 14:35

Toxic Chemicals from industries are evident in Pacific biota. Investigation of polychlorinated biphenyls (PCBs), dioxins (PCDD), furans (PCDF) and polybrominated diphenylethers (PBDE No.47) in tuna and shellfish in Kiribati, Solomons Islands and the Fiji Islands



Waisea Votadroka , Fiji National University, Fiji Islands Fiji Islands

14:35 – 15:00	Title: The behavior of the Doce river sediment plume, Brazil, prior and after an oredam accident: observational and modeled data results
	Fabiola Amorim, CT, Federal University of Espirito Santo, Brazil
Networking and Refreshments 15:00 -15:25	
15:25 – 15:50	Change Detection Study in Karnataka Coast line Using Multi Temporal Satellite Data -Remote Sensing and Geographic Information System Approach
	Rahisha Thottolil , CSIR Fourth Paradigm Institute, India India
15:50 – 16:15	China Ocean Energy Resource Exploration and Selection Achievement Exhibition Platform Software Design and Development
	Jiajia Liu , National Ocean Technology Center, Tianjin, China
16:15 – 16:35	A simpler approach of evaluating the Representative Error for Data Assimilation by regridding a high resolution ocean data into a coarser resolution grid structure
	Deep Sankar Banerjee , Indian National Centre for Ocean Information Services India
16:35 – 17:00	
Speaker Slots Available	
Poster Presentation Opportunity Available	
Panel Discussion 17:00 17:10	
End of Day 2	

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.



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Conference Venue
Park Regis North Quay

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