

Scientific Program

3rd International Conference on

Oceanography

June 22-24, 2015 Philadelphia, USA

Event Partners



OMICS International Conferences

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Independence A



10:00-10:30

Opening Ceremony

Keynote Forum

10:30-10:35 **Introduction**
 10:35-11:05 **Arny L Blanchard**
 University of Alaska Fairbanks, USA

Coffee Break 11:05-11:20 @ Foyer

11:20-11:50 **Kevin B Strychar**
 Grand Valley State University, USA
 11:50-12:20 **Hendrik Schubert**
 University of Rostock, Germany

Group Photo

Workshop

12:20-13:20 **Long-term environmental studies and stewardship in Alaska: A case study from Port Valdez**
 Arny L Blanchard, University of Alaska Fairbanks, USA

Lunch Break 13:20-14:20 @ Bengamins

Track 3: Marine Science and Engineering

Track 5: Coastal and Marine Resources: Sustainability

Track 9: Marine Pollution and its Management

Session Chair: Paul W Sammarco, Louisiana Universities Marine Consortium, USA

Session Co-chair: Kevin B Strychar, Grand Valley State University, USA

Session Introduction

14:20-14:40 **Geomorphological relief on mesophotic banks of the northern Gulf of Mexico, including geographic patterns and relationship to benthic species diversity**

Paul W Sammarco, Louisiana Universities Marine Consortium (LUMCON), USA

14:40-15:00 **The geometric-mechanical origin of planetary angular momentum dynamics and application to the intrinsic drift of oceanic mono polar vortices**

Ramses van der Toorn, Delft Institute of Applied Mathematics, Netherlands

15:00-15:20 **The role of elevation, relative sea level history and land cover conversions in determining carbon distributions in *Spartina alterniflora* dominated salt marshes in Galveston, Texas**

Ranjani W Kulawardhana, Jackson State University, USA

15:20-15:40 **Characterization of exopolymeric substances from *Bacillus flexus* S15 isolated from southeast coast of Tamil Nadu, India**

R Thirumurugan, Auburn University, USA

15:40-16:00 **Emergency medical management of air embolism & arterial gas embolism**

George Schroeder, American Academy of Urgent Care Medicine, USA

Coffee Break 16:00-16:15 @ Foyer

16:15-16:35 **Multimetric Phytoplankton Index (MPI): Description of the method and study cases in Mediterranean Sea**

Chiara Facca, Ca' Foscari University of Venice, Italy

16:35-16:55 **Influence of flooding on the microbial water quality of the Calabar River and the Cross River Estuary**

Ama-Abasi D E, University of Calabar, Nigeria

16:55-17:15 **Usage of sea water in Agriculture: An overview**

Hoda Farouk Zahran, City of Scientific Researches and Technological Applications, Egypt

17:15-17:35 **Management of fish waste through composting to use as a low cost substrate for biosurfactant production by *Bacillus* species N3-1P**

Khoshrooz Kazemi, Memorial University of Newfoundland, Canada

17:35-17:55 **Anthropogenic hypoxia in estuaries and seawater quality along north-west coast of India**

Anirudh Ram S Jaiswar, CSIR-National Institute of Oceanography, India

17:55-18:15 **Pharmaceutical treatments of fish ectoparasite infection in relation to pollution in Mediterranean aquaculture, Egypt**

Mai Magi Mostafa, Misr University for Science and Technology, Egypt

Panel Discussions

Day 2 June 23, 2015

Independence A

Workshop "Can corals survive climate change and if so, How?"

10:00-11:00 **The ways in which corals may or may not adapt to climate change/global warming**
Paul W Sammarco, Louisiana Universities Marine Consortium (LUMCON), USA

Coffee Break 11:00-11:15 @ Foyer

11:15-12:15 **Climate change responses of the stony coral *Tubastrea* sp. and their bacterial symbionts**
Kevin B Strychar, Grand Valley State University, USA

Symposium

12:15-15:15 **Oceanic bioactive molecules and marine natural products with biopharmaceutical potential**
George Schroeder, American Academy of Urgent Care Medicine, USA

Lunch Break 13:15-14:15 @ Benjamins

Track 2: Global Warming and Climate Alteration

Track 4: Geological Sciences

Track 6: Renewable Energy Technology associated with Marine Technology

Track 7: Pharmacological, Natural and Chemical features

Track 8: GIS and Remote Sensing Technology

Session Chair: George Schroeder, AAUCM, USA

Session Co-chair: Ramses van der Toorn, Delft Institute of Applied Mathematics, Netherlands

Session Introduction

15:15-15:35 **AMH-DMGIT where applied mathematics, hydrodynamics and ocean science meet: Diagnostic, modeling & sea going assessments of global- and internal tides**
Ramses van der Toorn, Delft Institute of Applied Mathematics, Netherlands

15:35-15:55 **Oceanographic and topographic controls on macrobenthic distributions in the Chukchi Sea**
Arny L Blanchard, University of Alaska Fairbanks, USA

15:55-16:15 **Ocean subsurface studies with the CALIPSO spaceborne lidar**
Xiaomei Lu, Science Systems and Applications Inc., USA

Coffee Break 16:15-16:30 @ Foyer

16:30-16:50 **Pan-tropical distribution of the Jurassic ostreid bivalves and factors control**
Jingeng SHA, Chinese Academy of Sciences, China

16:50-17:10 **The applicability of the Transboundary Waters Assessment Programme-Large Marine Ecosystem (TWAP-LME) indicators to the Nigeria-Sao Tome & Principe Joint Development Zone (JDZ): An area of sub-LME scale**
Aliyu Danagalan, University of Portsmouth, UK

Panel Discussions

Poster Presentations (15:00 - 16:00)

Day 3 June 24, 2015

Independence A

Track 1: Oceanography

Track 10: Ocean Life and Ecosystem

Track 11: Natural Disasters in the Ocean

Session Chair: Hendrik Schubert, University of Rostock, Germany

Session Co-chair: A D Rao, Indian Institute of Technology Delhi, India

Session Introduction

10:00-10:20 **Abiotic variability in a microtidal lagoon – do irregular fluctuations cause stable succession trends?**
Hendrik Schubert, University of Rostock, Germany

10:20-10:40 **Identification of internal waves in the western Bay of Bengal: Observations and modelling**
A D Rao, Indian Institute of Technology Delhi, India

10:40-11:00 **Bioactive derivatives from Sea cucumbers**
George Schroeder, American Academy of Urgent Care Medicine, USA

Coffee Break 11:00-11:15 @ Foyer

11:15-11:35 **Variability of the northwest corner eddy in the north Atlantic in spring 2011**
Georgi Sutyryn, University of Rhode Island, USA

11:35-11:55 **Numerical simulation of plume over the Arvand River**
Masoud Sadrasab, Khoramshahr University of Marine Science and Technology, Iran

11:55-12:15 **Assessing green house gas emission from liquid milk production system in Punjab**
Oladokun Sulaiman Olanrewaju, University Malaysia Terengganu, Malaysia

- 12:15-12:35 **Coral reef degradation severely impacts butterflyfish distribution on Heron Island reef flat**
Bryanna Mariel Andrews, University of California, USA
- 12:35-12:55 **Analysis of sediment dynamics and sedimentation patterns as veritable tools for assessment of shoreline erosion on sandy beaches**
Saviour P Udo-Akuaibit, Institute of Natural Resources, Nigeria
- 12:55-13:15 **Hydro-physico-chemistry of the cross river estuary, south-east Nigeria**
Chimezie Ndunagum Emeka, University of Calabar, Nigeria
- 13:15-13:35 **Spatial risk assessment of oil spill vulnerability in north of Persian Gulf using batch mike model simulation and monte carlo method**
Sahar Mokhtari, Tarbiyat Modares University, Iran

Lunch Break 13:35-14:35 @ Benjamins

Panel Discussions

Award Ceremony & Closing Remarks

Bookmark your dates

4th International conference on

Oceanography & Marine Biology

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