

2nd International JAMBIO Symposium

“Aquatic Ecosystems: Past, Present and Future”

December 4th-5th, 2014
Tokyo Campus, University of Tsukuba

Organizing Committee:
Shimoda Marine Research Center, University of Tsukuba
Center for Marine Biology, University of Tokyo
Tropical Biosphere Research Center, University of the Ryukyus

Detailed Program

December 4th

13:00~13:05 Kazuo Inaba (University of Tsukuba, Japan)
Opening Remarks

Session 1: Frontier Marine Ecosystems

Chair: Koetsu Kon (University of Tsukuba, Japan)

13:05~13:30 Koji Seike (University of Tokyo, Japan)
Ecology of Burrowing Organisms in Seafloor Environments: Present and Past

13:30~14:00 Sonja Rueckert (Edinburgh Napier University, UK)
Ecology and Evolution of Marine Parasites

14:00~14:25 Motohiro Shimanaga (Kumamoto University, Japan)
Meiofaunal Compositions under Sulfidic Conditions on Soft Bottoms in the Semi-Closed Inner Part of the Northern Yatsushiro Sea

14:25~14:50 Ryota Nakajima (JAMSTEC, Japan)
Species Richness and Community Structure of Benthic Macrofauna and Megafauna in the Deep-Sea Chemosynthetic Ecosystems around the Japanese Archipelago

14:50~15:00 Break Time

Session 2 : Acidification of the Oceans

Chair: Shigeki Wada (University of Tsukuba, Japan)

15:00~15:30 Jason Hall-Spencer (Plymouth University, UK)
Ecosystem Effects of Ocean Acidification

15:30~15:55 Ryota Suwa (Marine Ecology Research Institute, Japan)
Effects of Ocean Acidification on Marine Organisms

15:55~16:20 Helena Fortunato (Hokkaido University, Japan)
Ocean Acidification Impact on Shallow Water Biodiversity

16:20~16:30 Break Time

Session 3 : Marine Primary Producers

Chair: Masahiro Nakaoka (Hokkaido University, Japan)

16:30~17:00 Jarret Byrnes (University of Massachusetts, USA)

Kelp Forests in the Era of Climate Change

17:00~17:25 Tomonori Isada (Hokkaido University, Japan)

Community Structure and Photosynthetic Physiology of Phytoplankton in the Western Subarctic Pacific and its Application for Satellite Ocean Color Remote Sensing

17:25~17:50 Shigeki Wada (University of Tsukuba, Japan)

Production and Fate of Macroalgal Dissolved Organic Matter

19:00~21:30 Banquet at the YR Event Hall Ikebukuro

December 5th

Session 4 : Disturbances of Marine Ecosystems

Chair: Kazuhiko Sakai (University of the Ryukyus, Japan)

09:00~09:30 Greta Aeby (University of Hawaii, USA)

Coral Disease across the Indo-Pacific

09:30~09:55 Hideyuki Yamashiro (University of the Ryukyus, Japan)

Coral Diseases in Japan

09:55~10:25 Mary O'Connor (University of British Columbia, Canada)

Marine Biodiversity and Ecosystem Function in a Warming Ocean

10:25~10:35 Break Time

Session 5: Climate and Marine Ecosystems

Chair: Kaoru Kubokawa (University of Tokyo, Japan)

10:35~11:00 Toshio Yamagata (JAMSTEC, Japan)

Predictability of Oceanic and Climatic Variations

11:00~11:30 Jurgenne Primavera (SEAFDEC, Philippines)

Typhoon Haiyan: Mangrove-Beach Forest Greenbelts and Coastal Protection

11:30~11:35 Kazuo Inaba (University of Tsukuba, Japan)

Closing Remarks