



WPI
TOHOKU UNIVERSITY &
JAMSTEC
AIMEC

Marine Biology Integrative Analysis Unit

Monday, March 25, 2024 9:30AM-5:00PM JST

Agriculture Faculty Building, Large Conference Rm
1F, Aobayama Campus, Tohoku University

MINI SYMPOSIUM

Presenters

9:30 AM **Dr. Cheryl Ames** “**Changing Approaches to Monitoring Ocean Biodiversity Change**” International Marine Sciences, Graduate School of Agricultural Science Faculty of Agriculture, Tohoku University, Japan

10:00 AM **Dr. David Barclay** “**Monitoring Underwater Sound**” Dalhousie University, Faculty of Science, Department of Oceanography, Canada (remote)

10:30 -11:00 AM Coffee/Tea break

11:00 AM **Dr. Allen Collins** “**Building Verifiable Voucher-Based Genetic Reference Libraries for Marine Species – Case Studies with Medusozoans and Ctenophores**” National Oceanography & Atmospheric Administration (NOAA) NSL Director, Smithsonian NMNH Curator, USA

11:30 AM **Dr. Jimena García-Rodríguez** “**Comparative analysis of the gonadal structures of Cubozoa in the evolutionary context of Medusozoa (Cnidaria)**” Department of Zoology, Sao Paulo University, Brazil

12:00PM – 1:00PM LUNCH break

1:00 PM **Dr. Toyonobu Fujii** “**WPI-AIMEC Coastal Ecosystem Services Research Unit**” Onagawa Coastal Field Center, Graduate School of Agricultural Science, Tohoku University, Japan

1:30 PM **Dr. Karen Osborn** “**Through their eyes: the challenges of seeing in the midwater and of imaging the diverse animals found there**” Smithsonian NMNH Curator & Monterey Bay Aquarium Research Institute, USA

2:00 PM **Dr. Dhugal Lindsay** “**Advancements in Imaging to Monitor Underwater Biodiversity**” JAMSTEC New Technologies Working Group Head, Deep Ocean Stewardship Initiative (DOSI), Japan

2:30 -3:00 PM Coffee/Tea break

3:00 PM **Dr. Filip Husnik** “**Cataloging Marine Symbioses with Omics and Advanced Imaging Methods**” OIST Marine Symbiosis Unit, Associate Professor, Okinawa

3:30PM **Dr. Bastian Bentlage** “**Monitoring Patterns and Processes of Marine Biodiversity/Evolution on Reefs**” Marine Laboratory, University of Guam (remote)

4:00 PM **Dr. Reindert Nijland** “**Studying North Sea ecosystem biodiversity using Nanopore sequencing, the long and short of it.**” Animal Sciences Group, Marine Animal Ecology, Wageningen University, Netherlands (remote)

4:30PM **Dr. Cheryl Ames** – Closing remarks



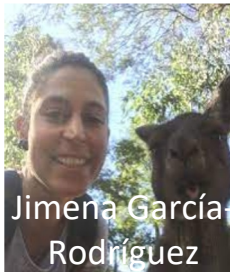
Cheryl Ames



David Barclay



Allen Collins



Jimena García-Rodríguez



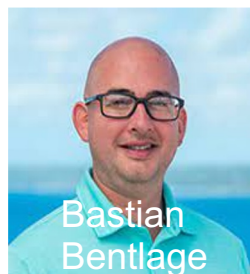
Toyonobu Fujii



Lindsay Dhugal



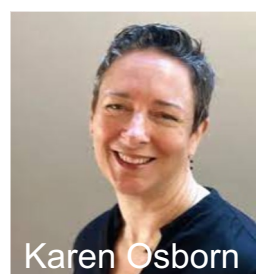
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