



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 **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 **David Barclay** “**Monitoring Underwater Sound**” Dalhousie University, Faculty of Science, Department of Oceanography, Canada (remote)

10:30 -11:00 AM *Coffee break*

11:00 AM **Allen Collins** “**Metagenomic skimming of DNA from a bulk/community sample subsequent characterization of marine biodiversity**” National Oceanography & Atmospheric Administration (NOAA) NSL Director, Smithsonian NMNH Curator, USA

11:30 AM **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 **Toyonobu Fujii** “**WPI-AIMEC Coastal Ecosystem Services Research Unit**” Onagawa Coastal Field Center, Graduate School of Agricultural Science, Tohoku University, Japan

1:30 PM **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 **Dhugal Lindsay** “**Advancements in Imaging to Monitor Underwater Biodiversity**” JAMSTEC New Technologies Working Group Head, Deep Ocean Stewardship Initiative (DOSI), Japan

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

2:30 -3:00 PM *Coffee break*

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

4:00 PM **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 **Cheryl Ames** – Closing remarks



Cheryl Ames



David Barclay



Allen Collins



Jimena García-Rodríguez



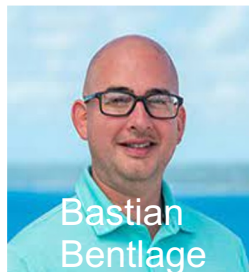
Toyonobu Fujii



Dhugal Lindsay



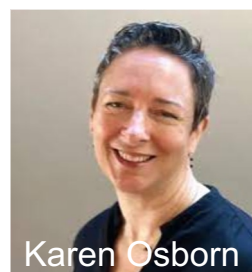
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