

The 9th International Kuroshio Science Symposium

第九屆國際黑潮圈科學研討會

Nov. 17 – 20, 2015

Organizer 主辦單位

National Sun Yat-sen University 國立中山大學

Sponsors 協辦單位

**National Museum of Marine Biology & Aquarium
國立海洋生物博物館**

**Tungkang Biotechnology Research Center, Fisheries Research
Institute of Taiwan
水產試驗所東港生技研究中心**

**National Dong Hwa University
國立東華大學**

Nov. 17 (at Conference Room of Marine Sciences College, the 2nd floor)

4:00 – 4:30 pm	Registration
4:30 – 4:40 pm	Welcome Remark (Dean Houng-Yung Chen, College of Marine Sciences, NSYSU)
4:40 – 5:30 pm	Opening Remark (Dr. Keryea Soong, PI of Dongsha Atoll International Research Station, NSYSU)
5:30 – 8:30 pm	Reception

Nov. 18 (at Conference Room of Marine Sciences College, the 2nd floor)

8:30 – 9:00 am	Morning coffee/tea
9:00 -10:20 am	Session I: General Science (<u>Session Chair: Dr. Te-Hao Chen</u>)
9:00 – 9:20 am	Endocrine disrupting effects of domestic wastewater on estuarine fish: A case study (Dr. Te-Hao Chen)

9:20 – 9:40 am	Change of land management in mountainous areas after economic growth among Japan, Taiwan and Korea (Dean Yoshiaki Iiguni)
9:40 – 10:00 am	Research Progress of Tungkang Biotechnology Research Center, Fisheries Research Institute of Taiwan (Dr. Tzzy-Ing Chen)
10:00 – 10:20 am	Production of IL-22 from damaged human colon epithelial cells depends on the cytokines CCL1 and IL-1 (Dr. Akira Tominaga)
10:20 – 10:40 am	Coffee/tea break
10:40 -12:00 am	Session II: Marine Plant Ecology (<u>Session Chair: Dr. Tom Schils</u>)
10:40 – 11:00 am	The effect of taxonomic uncertainty on algal biogeography and reef conservation in the western Pacific (Dr. Tom Schils)
11:00 – 11:20 am	The mass seagrass die-off in Dongsha Atoll (Dr. Yalan Chou)
11:20 – 11:40 am	Making a forest in the sea by the collaboration with a variety of stakeholders in Kashiwajima, Kochi (Dr. Masaru Kanda)
11:40 – 12:00 am	Differences on photosynthetic efficiency among <i>Monostroma nitidum</i> and related species distinct in chloroplast morphology (Mr. Jayvee A. Saco)
12:00 -1:00 pm	Lunch break (lunch boxes and coffee/tea provided)
1:00 -2:20 pm	Session III: Coral Science (<u>Session Chair: Dr. Plutomeo M. Nieves</u>)
1:00 – 1:20 pm	Coral reef restoration using nursery-reared coral fragments as a community-LGU-ushered coastal restoration strategy in Bicol Region (Dr. Plutomeo M. Nieves)
1:20 – 1:40 pm	Proteomic analysis of scleractinian coral (Dr. Satoshi Kubota)

1:40 -2:00 pm	Ultrastructure of cell division of symbiotic zooxanthellae in the scleractinian coral <i>Pocillopora damicornis</i> (Mr. Alex P. Camaya)
2:00 – 2:20 pm	Diversity of Endolithic Algal Communities in <i>Porites rus</i> (Mr. Adrian Kense)
2:20 – 2:40 pm	Coffee/tea break
2:40 – 4:20 pm	Session IV: Conservation and fisheries resources <u>(Session Chair: Dr. Milagros C. Morales)</u>
2:40 – 3:00 pm	Assessment of Fishery Resources in the Municipal Waters of Batanes, Philippines (2009-2013) (Dr. Milagros C. Morales)
3:00 – 3:20 pm	Spatial variation of fish assemblage structures in contiguous and fragmented seagrass and seagrass-mixed habitats (Ms. Allyn Duvin S. Pantallano)
3:20 – 3:40 pm	Partially protected marine area in the Philippines: Is it effective amidst high fishing pressure? (Mr. Renan Ugto Bobiles)
3:40 – 4:00 pm	Socio-economic conditions and social structures of local community in marine protected areas: Case analysis of Gonzaga, Cagayan, Philippines (Ms. Emma L. Ballad)
4:00 – 4:20 pm	Coffee/tea break
4:20 – 5:40 pm	Session V: Conservation and fisheries resources <u>(Session Chair: Dr. Wilfredo L. Campos)</u>
4:20 – 4:40 pm	Considerations in establishing networks of marine protected areas in Central Philippines (Dr. Wilfredo L. Campos)
4:40 – 5:00 pm	Genetic stock structure of <i>Terapon jarbua</i> (Perciformes) around Taiwanese waters (Dr. Te-Yu Liao)
5:00 – 5:20 pm	Sequence and expression analysis of lectin and immune-relevant genes from milkfish (<i>Chanos chanos</i> F.)(Mr. Joshua Rovie L. Daclan)
5:20 – 5:40 pm	Daily changes in goby's utilization of <i>Upogebia</i> burrow: Do the goby spend a night in the host burrow? (Ms. Yumi Henmi)

6:00 – 8:30 pm Banquet

Nov. 19 (at Auditorium of Marine Sciences College, the 3rd floor)

9 – 12:30 am	Special Session: Tuna Conservation and Management (in the 3rd floor auditorium)
9:00 – 9:15 am	Opening remarks
9:15 – 9:30 am	Keynote Speech: Introduction to tuna and Pacific Bluefin tuna (Dr. Gerard DiNardo, USA)
9:30 – 9:50 am	Tea break
9:50 – 10: 40 am	Ecology of Pacific bluefin tuna: Growth, reproduction and migration (Drs. Jen-Chieh Shiao, Taiwan; Yumi Okochi, Japan; and Ko Fujioka, Japan)
10:40 – 10:55 am	Q & A
10:55 – 11:25 am	Pacific bluefin tuna aquaculture (Drs. Michel Dreyfus-Leon, Mexico; Nobuaki Suzuki, Japan)
11:25 – 11:40 am	Stock status and management (Dr. Steven Teo, USA)
11:40 – 11:55 am	Leveraging market to support governance change (Dr. Aiko Yamauchi, Japan/World Wildlife Fund)
11:55 – 12:30 am	Q & A/Discusion (Dr. Gerard DiNardo, USA; Dr. Shui-Kai Chang, Taiwan; all speakers)

12:30 – 1:00 pm A quick lunch (for Kuroshio attendees only, in the 2nd floor conference room)

1:00 pm Field Trip (Da-Peng Bay; Tungkang Biotechnology Research Center of Fisheries Research Institute Taiwan; Kenting National Park)

Nov. 20

Field Trip (Kenting National Park, National Museum of Marine Biology & Aquarium)

5:30 pm Back to Kaohsiung, end of the symposium.