



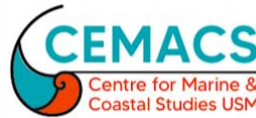
JSPS

JSPS CREPSUM

Collaborative Research and Education Project in Southeast Asia for Sustainable Use of Marine Ecosystems



北里大学
KITASATO UNIVERSITY



CREPSUM – IOC/WESTPAC Online Workshop on Jellyfish Identification

17-18 March 2022

1.0 About the event

Southeast Asia is a hotspot of jellyfish diversity. However, there have been a limited number of taxonomic studies of jellyfish in Southeast Asia. Early taxonomical studies were done by the Europeans and Americans in early 1900s. After then, jellyfish studies were conducted by SE Asian researchers. As many were not specialized in jellyfish taxonomy, therefore there are many misidentifications. In recent years, the study of jellyfish in Southeast Asia has become more active. The ability to classify not only Scyphozoa including large edible jellyfish, but also Cubozoa, Hydrozoa and Staurozoa has become a necessity. The need to conduct capacity development on jellyfish identification is more urgent now due to the increasing incidences of jellyfish stings, some of which even caused casualties.

Building on the established research network and present knowledge, this workshop, scheduled for 17-18 March 2022, will focus on the classical and molecular taxonomy of jellyfish.

This workshop is a collaboration between JSPS-CREPSUM (Collaborative Research and Education Project in Southeast Asia for Sustainable Use of Marine Ecosystem) and IOC/WESTPAC, led by Kitasato University (Japan) and Centre For Marine & Coastal Studies, Universiti Sains Malaysia (Malaysia).

2.0 Objectives

This workshop aims to :

- learn and master the identification methods for each of the jellyfish taxa
- improve the understanding, and develop regional capability of research and monitoring of jellyfish blooms in the Western Pacific and its adjacent areas
- to share information on current status of jellyfish occurrences, hazard awareness and research in each country
- Explore the possibility of building a jellyfish joint research on jellyfish diversity, distribution, and abundance.

3.0 Who will participate?

Participants will be invited from the current members of JSPS-CREPSUM and IOC/WESTPAC. Other participants, who are interested to join the network or develop collaborations, will also be welcomed. The participants should have some basic experience conducting jellyfish related research and monitoring, and/or able to lead and carry out jellyfish research and monitoring in their countries for moving forward.

4.0 Tentative Program

The workshop will be conducted online. Invited presentations will be given on different groups of jellyfish and discuss on the present practices of monitoring harmful jellyfish and the basic knowledge for the identification of harmful jellyfish.

National experts nominated and/or identified from each country will be invited to provide **follow-up reports** on: i. major issues on harmful jellyfish in the respective countries; ii. research and monitoring efforts of the harmful jellyfish; iii. related education and awareness activities if any; and iv. what they believe is required and important for a regional collaborative network.

Day	Date	Time	Activities	Speakers
1	17 March	10:00– 10:05 (JST)	Welcoming remarks	Prof. Susumu Otsuka (Hiroshima University)
		10:05 -10:15	Opening Remarks <ul style="list-style-type: none"> • Program brief • Setting the stage 	Dr. Hiroshi Miyake (Kitasato University) Dr. Aileen Tan Shau Hwai (Vice Chair, IOC/WESTPAC & Universiti Sains Malaysia)
		10:15 -11:00	Participants self-introduction	All participants
		11:00 – 12:45	Brief report on the status of jellyfish research in each country (each country to be given 10 mins) <ul style="list-style-type: none"> • Bangladesh • China • Indonesia • India • Korea • Malaysia • Singapore • Thailand • Vietnam • Etc. 	Chair by Dr. Aileen Tan Shau Hwai (Universiti Sains Malaysia) All participants
		12:45-14:00	Lunch	
		14:00-	Lecture	Chair by Dr. Hiroshi Miyake

		14:00-15:30	Hydrozoa	Drs. Dhugal J. Lindsay (JAMSTEC), Sho Toshino (Biological Institute on Kuroshio), and Hiroshi Miyake
		15:30-16:15	Scyphozoa	Drs. Jun Nishikawa (Tokai University) and Hiroshi Miyake
		16:15-16:30	Break	
		16:30-17:00	Cubozoa	Dr. Sho Toshino

Day	Date	Time	Activities	Speakers
2	18 March	10:00-10:10	Remarks from CREPSUM	Prof. Hiroaki Saito (University of Tokyo)
		10:10-	Lecture	Chair by Dr. Hiroshi Miyake
		10:10-10:40	Staurozoa	Dr. Cheryl Lewis Ames (Tohoku University)
		10:40-11:10	Ctenophora	Drs. Mitsuko Hidaka (JAMSTEC) and Dhugal Lindsay
		11:10-11:40	E-DNA	Dr. Cheryl Lewis Ames
		11:40-12:10	Symbionts	Drs. Susumu Otsuka and Yusuke Kondo (Hiroshima University)
		12:10-14:00	Lunch and setting for workshop	
		14:00-17:00	Identification Workshop <i>Please take photos of the various parts of your specimens which you would like to identify. ex. bell shape, mouth shape, canal systems, statolith, gonads, ocelli....</i>	All participants
		17:00-17:10	Conclusions and closing	Dr. Aileen Tan Shau Hwai

5.0 How to register

For anyone interested to join, please fill in the online registration form (<https://forms.gle/d2BpRhKtwM3tKYex6>).

Updated information on the training workshop will be made available, in due course.

Please register on the google forms, at your earliest convenience, preferably no later than 10 March 2022.

6.0 Workshop contact

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