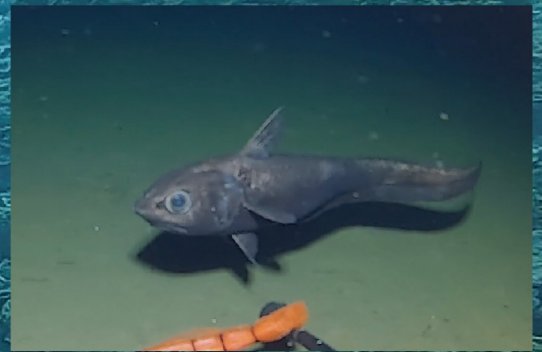
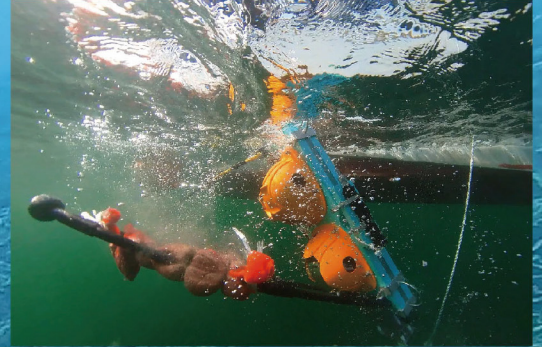


Marine Environmental Monitoring for Exploitation of Marine Resources



ABOUT THIS WEBINAR

Our deep-sea environment webinar series brings experts together to discuss marine environmental assessments and monitoring, in order to support sustainable use of marine resources. This webinar is open to everyone interested/associated with the topic.

WHAT YOU WILL LEARN

After this one-hour session, participants will have an overview of:

- Robust environmental monitoring techniques developed through a Japanese government deep-sea initiative
- International guidelines and protocols on how to monitor the impact of exploration in the ocean's depths
- Compact, user-friendly and inexpensive systems for monitoring marine ecosystem.

Date

21st-25th November 2022 available on-demand

Language: English (No interpreter)

REGISTER
HERE



<https://forms.gle/WypPPa8JwLHGbD1h7>

We'll send you an access code to enter the webinar room. Participants are welcome to post questions through Q&A form. Answers will be provided on 25th November.



CONTACT US for more detail ▶ info-sip2@jamstec.go.jp

PROGRAM

Presentation 1

(Recorded 15min)



Best practice of marine environmental impact assessment and monitoring

Dr. YAMAMOTO Hiroyuki, Principal Researcher,
JAMSTEC

Presentation 2

(Recorded 15min)



Detection of ecotoxic effects using onboard bioassay system

Dr. KAWACHI Masanobu, Head Researcher,
National Institute for Environmental Studies

Presentation 3

(Recorded 15min)



Phyto-Alert System for monitoring surface water quality and safety based on in situ phytoplankton health

Dr. KOSHIKAWA Hiroshi, Head Researcher,
National Institute for Environmental Studies

Presentation 4

(Recorded 15min)



Observation of seabed exploitation using Edokko Mark 1

Dr. MIWA Tetsuya, Principal Researcher,
JAMSTEC

Presentation 5

(Recorded 15min)



International standards on marine impact assessment for seabed exploration and exploitation

Prof. YOSHIDA Koichi, Visiting Professor,
Yokohama National University

OVERVIEW

Since 2018, the Ocean Program under the Cross-ministerial Strategic Innovation Promotion Program (SIP) which is a leading project promoted by the Cabinet Office of the Japanese government has annually continued the science seminar. The Pacific Islands have cooperated with the seminar to share the knowledge especially on marine environmental assessment and monitoring. Japan and Pacific Island countries are both maritime nations embraced by the vast Pacific Ocean. We are facing common challenges in enjoying the blessing of the ocean while conserving the marine environment. In order to realize the sustainable use of ocean resources for economic growth and environmental conservation at the same time, it is necessary to monitor the physicochemical and ecological conditions of marine environments, which should be carried out using best practice techniques. In this on-line seminar, we will introduce the monitoring techniques advanced in the SIP Ocean program and its practical use for exploitation of marine resources.