

# SynObs & Ocean Observing Codesign Joint International Workshop 2026 Science Organizing Committee 2nd Meeting

## Agenda

1. Discussion on 1<sup>st</sup> announcement, including main purpose of the workshop
2. Splinter sessions/Side meetings by TC exemplar and other groups
3. Others

# ★ Main Purpose of the workshop (1<sup>st</sup> announcement draft)

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## **1. Sharing Experiences and future plans of designing ocean observing systems**

- ✓ Best practice of the designing an ocean observing system
- ✓ Strategy of codesigning ocean observing systems
- ✓ Future plan of designing an ocean observing system

## **2. Evaluation of the impacts of ocean observation data on ocean, climate, and weather predictions and other applications**

- ✓ Achievements of the coordinated experiments for the observation impacts (SynObs Flagship OSEs)
- ✓ Other impact studies of ocean observations (OSEs, OSSEs, adjoint sensitivity studies, ensemble-based evaluation, etc.)
- ✓ Impacts studies of general applications for the social benefits
- ✓ Use of the evaluation results in designing ocean observing systems

## **3. development of data assimilation and other techniques for effective use of observation data**

- ✓ Data assimilation and other synthesizing methodology (including AI)
- ✓ Applications for effective use of observation data
- ✓ Processing, Quality Control, and data delivering

## **4. Planning future activities of SynObs and Ocean Observing Codesign and their collaboration**

- ✓ Future plan of the coordinated experiments for evaluating the ocean observing network (SynObs Flagship OSE) and other SynObs activities
- ✓ Future plan of Ocean Observing Co-design activities
- ✓ Work plan for issuing recommendation on the design of the future ocean observing network

Link to the SOC private page: (SynObs-private)  
<https://oceanpredict.org/synobs-workshop-2026-private-planning-space/>

# ★ Splinter session/Side meeting by TC exemplar and other groups?

- ◆ TC Exemplar requests a side meeting / a splinter session
- ◆ Do Ocean Observing Codesign coordinating group or other exemplars also wish to have a side meeting or a splinter session
- ◆ One main room

- ◆ **Main Assembly Room** (Capacity: 100)
  - Mon-Thu: WS Science Sessions
  - Fri-Sun: DASSJ30
- ◆ **Sub Assembly Room** (Capacity: 50)
  - Mon-Wed: Poster Session, Coffee Break
  - Thu: DASSJ30
  - Fri: Inner Meeting
  - Sat & Sun: DASSJ30
- ◆ **Multipurpose Room** (Capacity: 20+20)
  - Splinters Sessions?
  - Business Meeting?
- ◆ **We may prepare more rooms if SOC requests.**

**Sub Assembly Room**



**Main Assembly Room**



**Shared Lounge**



**Multipurpose Room x 2**





# ★ Room Plan

		24 <sup>th</sup> Mon	25 <sup>th</sup> Tue	26 <sup>th</sup> Wed	27 <sup>th</sup> Thu	28 <sup>th</sup> Fri	29 <sup>th</sup> Sat	30 <sup>th</sup> Sun
大集会室 (100人)	9:00-13:00	International Workshop (Main Sessions)				Summer School (Main)		
	13:00-18:00				Excursion			
	18:00-22:00	Reception			Barbecue			
集会室 (50人)	9:00-13:00	International Meetings (Poster Session, Coffee Break)			Summer School	Business Meeting	Summer School (Sub)	
	13:00-18:00				Excursion			
	18:00-22:00				Barbecue			
多目的ルーム (20人+20人)	9:00-13:00							
	13:00-18:00				Excursion			
	18:00-22:00	Reception						

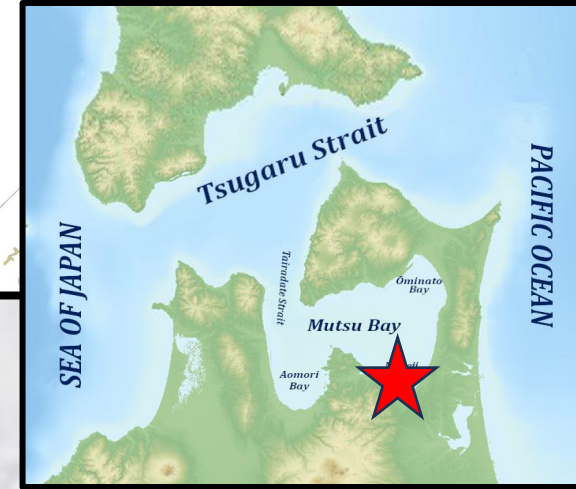
## ★ Some other points

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- ❑ Participation Fees of side events will be collected by Japanese Cash (yen).
- ❑ It is very difficult to exchange foreign money to yen in Mutsu. People can probably get Japanese cash from cash dispenser using foreign credit card.
- ❑ Local hosts will book hotel rooms for the participants, but participants pay the room charge to the hotel directly. (Credit cards are accepted for the room charge.)
- ❑ Lunch is not prepared. (There are several restaurants in the venue and near-by.)
- ❑ This year, bears were sighted near the hotel and the venue. While we cannot predict what will happen next year, we plan to remind participants to stay alert for bears when walking around town.

# Dates, Location, and Format

- ◆ Dates: 24 (Mon) – 29 (Sat), Aug., 2026.
- ◆ Location: Mutsu, Japan
  - Mutsu is a small city of 50,000 people in northern Japan. The hometown of the R/V Mirai. JAMSTEC has a branch office there.
  - Know for Mount Osore, a rare caldera landscape, as well as hot springs.
  - This year marks the 30<sup>th</sup> anniversary of Data Assimilation Summer School in Japan (DASSJ30), which has been regularly held in Mutsu.
- ◆ Format: In Person and Online (Hybrid), English
- ◆ Expected number of in-person participants: about 50 people
- ◆ Jointly organized by SynObs and Ocean Observing Codesign
- ◆ Also jointly organized with DASSJ30
- ◆ WebPage:  
<https://oceanpredict.org/events/synobs-ocean-observing-co-design-joint-international-workshop/#event-home>





# ★ Members of Science Organizing Committee

## 1. Members

Magdalena Balmaseda	(ECMWF, UK)	SynObs
Yosuke Fujii	(JMA/MRI, Japan)	SynObs Co-chair
Juliet Hermes	(SAWON, South Africa)	Ocean Observing Codesign, MHW Exemplar
Andrew Moore	(UC Santa Cruz, US)	SynObs
Tammy Morris	(SAWON, South Africa)	Ocean Observing Codesign, BC Exemplar
Satoshi Osafune	(JAMSTEC, Japan)	SynObs
K. Andrew Peterson	(ECCC, Canada)	SynObs
Hshibur Rahaman	(INCOIS, India)	SynObs
Elisabeth Remy	(Mercator Ocean, France)	SynObs Co-chair
Jun She	(DMI, Denmark)	Ocean Observing Codesign, Coordinating Group
Cheyenne Stienbarger	(NOAA, US)	Ocean Observing Codesign, TC Exemplar
Kirsten Wilmer-Becker	(Met Office, UK)	OceanPredict Project Office

## 2. Role

- Deciding the title, theme, format of the workshop (social events and DASSJ20 are not included)
- Evaluation of the abstracts and deciding the presentation programs
- Submitting a report on outcomes after the workshop
- We expect SOC members to participate in the workshop in person. However, **we can prepare travel support only for a few members.** If there is a possibility you request travel support, please contact YF as early as possible.