

1st circular of Program 2020 ESSAS Annual Science Meeting, Sapporo

“Linking past and present marine ecosystems to inform future fisheries and aquaculture”

Venue: Meeting room, Centennial Hall, Hokkaido University
(10 min walk from the main gate of Hokkaido University)
<https://www.global.hokudai.ac.jp/maps/?p=sapporo>
Date: 1–3 June, 2020

Ecosystem Studies of Subarctic and Arctic Seas (ESSAS), one of the regional programs of the Integrated Marine Biosphere Research project (IMBeR), will hold its 2020 annual science meeting (ASM) at Hokkaido University in Sapporo, Japan. The goal of the ESSAS Program is to compare, quantify and predict the impact of climate variability on the productivity and sustainability of Subarctic and Arctic marine ecosystems.

Both academic communities and local stakeholders in Hokkaido are interested in how Arctic and sub-Arctic marine systems will change in the future. Of relevance to these concerns is information from the natural and social sciences, including economics. The 2020 ASM will build on a previous international project funded by the Belmont Forum, which examined the resilience and adaptive capacity of Arctic and sub-Arctic marine systems. We seek to understand the mechanisms by which climate change will affect aquaculture and capture fisheries, how these changes will affect resource-dependent communities, and how management can foster resilience in these systems.

We welcome submission of abstracts to the General Session of the 2020 ASM on 2 June to address the above themes. Specifically, we seek contributions that draw on findings from all fields, including paleoecology, contemporary ecology and the social sciences, to help inform our understanding of future changes affecting fisheries and aquaculture in high-latitude marine ecosystems. In an effort to reduce our carbon footprint, we will also accept presentations delivered via a video conference system if you cannot come to Sapporo. In addition, if you would like to join the excursion to renewal “UPOPOY, National Ainu Museum and Park*” on 5 June, please sign up for it when you register on the website or at the onsite registration desk. We look forward to productive discussions with many participants!

* <https://ainu-upopoy.jp/en/>

- Deadline for abstract submission: 31 January, 2020
- Deadline for registration on the website: 30 April, 2020 (We welcome onsite registration after 30 April)
- For registration & abstract submission, please go to:
https://essas.arc.hokudai.ac.jp/what_s_new/2020-essas-annual-science-meeting/
- Registration fee: 2,500 JPY for student, 5,000 JPY for others (Please pay at the reception desk. We accept JPY cash only)

Program (as of Nov 25, 2019):

31 May

18:00~19:00

Public session “Marine Mammal (tentative title)” by Dr. Yoko Mitani, Associate Prof., Hokkaido University

Venue: Hokkaido University Conference Hall (3 min walk from the main gate of Hokkaido University)

1 June

Contribution from ESSAS community to the local communities in Japan (with simultaneous translation of Japanese-English)

09:00–10:00 Registration

10:00–10:05 Welcome address by Prof. Fukamachi, Director of Arctic Research Center, Hokkaido University

10:10–10:35 Keynote talk 1 “The song of the spring, the story of the wind: Relationships among air, sea, ice, people and Pacific herring (*Clupea pallasii*) in the past, present and future” Dr. Naoki Tojo Assistant Prof. Hokkaido University

10:35–10:55 Coffee break

10:55–11:20 Keynote talk 2 “Assessing and managing fish stocks in a rapidly changing environment” Dr. Franz Mueter, Professor of Fisheries, University of Alaska Fairbanks

11:20–11:45 Keynote talk 3 “Community resilience under rapid socio-environmental change. But how can we enhance it?” Dr. Aoi Sugimoto, Researcher, National Research Institute of Fisheries Science

11:45–13:30 Lunch

13:30–17:00 Discussion led by Prof. Makino (Identify key issues & challenges; identify ways to enhance collaborations between scientists and stakeholders) including 20~30 min break

17:30–19:30 Ice breaker at Marche, Centennial Hall, Hokkaido University
<https://www.marche-cafelabo.com/>

2 June

Contribution from ESSAS community to the Japanese ESSAS related community

09:00–10:15 General Session (15min x 5 talks)

10:15–10:35 Coffee break

10:35–11:50 General Session (15min x 5 talks)

11:50–13:30 Lunch

13:30–14:30 Poster Session

14:30–15:45 General Session (15min x 5 talks)

15:45–16:05 Coffee break

16:05–17:20 General Session (15min x 5 talks)

19:00–21:00 Conference Dinner at the Sapporo Beer Garden

<https://www.sapporo-bier-garten.jp/global/english.html>

3 June

Contribution from ESSAS working group (PESSAS and AnalogueArt)

- 09:00–11:30 Plenary talks based on sharing methods and data sets available (PESAS and AnalogueArt) with 20 min Coffee break
- 11:30–13:30 Lunch
- 13:30–17:30 Open discussion (on potential challenges and strategies for connecting paleo- and neo-data sets with reference to conceptual and methodological issues e.g., working assumptions, chronological resolution, averaging, scaled and unscaled variables...) with 20 min Coffee break

4 June (Only SSC)

- 09:00–11:30 ESSAS SSC meeting
- 11:30–13:30 Lunch
- 13:30–17:00 ESSAS SSC meeting
- 18:00–20:00 SSC dinner

5 June if there is a request

Excursion (UPOPOY, National Ainu Museum and Park will be opened at 24 April, 2020, Shiraoi) conducted by Emeritus Professor Saitoh, Hokkaido University.

Schedule of ESSAS meeting in Sapporo

	31-May	1-Jun	2-Jun	3-Jun	4-Jun	5-Jun
AM		Stakeholder Meeting (Presentation)	General Session	Working Group Session	SSC	Excursion (Only the person who wants to go)
Lunch			Poster Session			
PM	Preparation of conference place,	Stakeholder Meeting (Discussion)	General Session	Working Group Session	SSC	Excursion (Only the person who wants to go)
Evening	Public session	Icebreaker	Conference Dinner		SSC Dinner	
Place	Hokkaido Univ. Conference Hall	Hokkaido University Centennial Hall	Hokkaido University Centennial Hall	Hokkaido University Centennial Hall	Hokkaido University Centennial Hall	
Icebreaker /Dinner		Marche, Centennial Hall or Hotel Aspen	Sapporo Beer Garden			