

## 2021 Report of Working Group 38 on *Mesoscale and Submesoscale Processes*

The fifth business meeting of the Working Group on *Mesoscale and Submesoscale Processes* (WG 38) was held online via Zoom from 17:00 to 17:30 (PST) on September 1, 2021. The 13 WG members and two members of the Secretariat participated in this meeting, (*WG 38 Endnote 1*). The meeting was co-chaired by Dr. Annalisa Bracco (USA) and Dr. Hiromichi Ueno (Japan). This report summarizes discussions at the meeting over some of the Agenda Items (*WG 38 Endnote 2*).

### AGENDA ITEM 2

#### Progress of WG 38

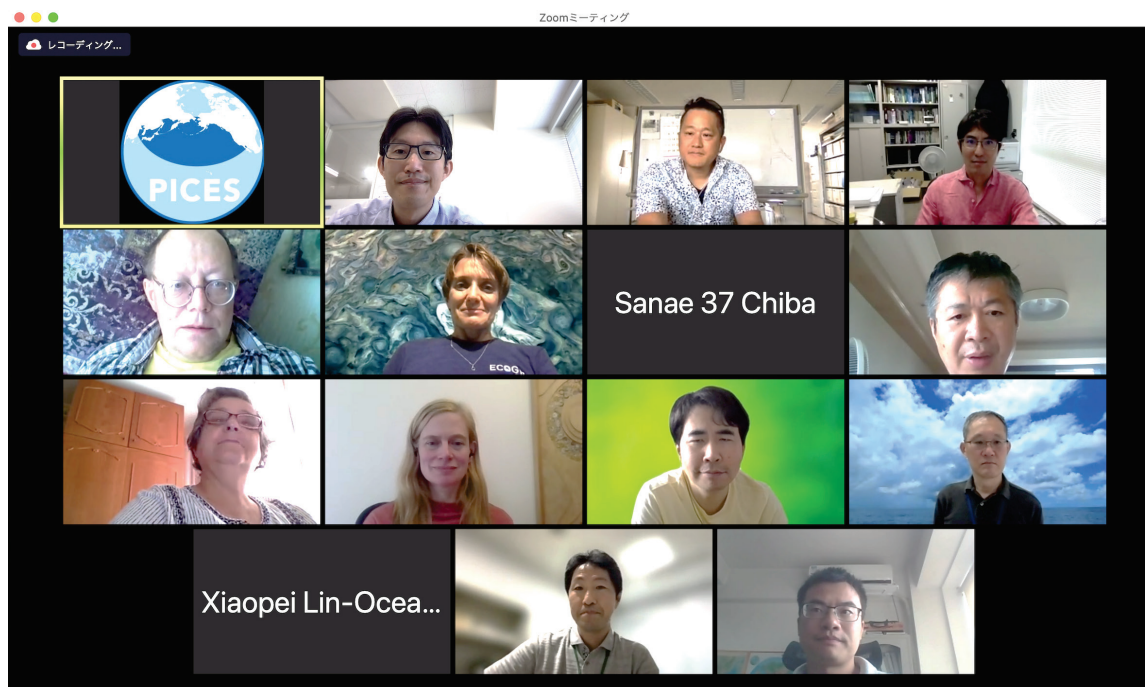
- A draft of the review paper entitled “Review: Oceanic mesoscale processes in the North Pacific: physical and biogeochemical impacts” to be submitted to a journal is close to being finished.
- The final report will be prepared after the review paper is accepted by a journal to avoid duplicate submission/publication for final report and review paper.

### AGENDA ITEM 3

#### Road map for final report

A road map for final report was discussed and the following were decided:

- When the review paper is accepted by a journal, the review paper will be used as a main body of the final report as it is. The final report does not contain subsections by member country.
- WG 38 will request open access funding from PICES for the review paper (*Progress in Oceanography*, \$3,330 excluding taxes).



Participants of the fifth meeting of WG 38 held online September 1, 2021. Top, from left: Hiromichi Ueno, Daisuke Hasegawa, Sachihiko Itoh; second row from left: Sergey Prants, Annalisa Bracco, Sanae Chiba, Dongfeng Xu; third row from left: Olga Trusenkova, Tetjana Ross, Sung Yong Kim, Young-Gyu Park; fourth row from left, Xiaopei Lin, Yoshikazu Sasai, Bin Xiao. Missing from photo: Julia Yazvenko

***WG 38 Endnote 1***

**WG 38 meeting participation list**

Members

PICES

Annalisa Bracco (USA, Co-Chair)  
Hiromichi Ueno (Japan, Co-Chair)  
Tetjana Ross (Canada)  
Xiaopei Lin (China)  
Bin Xiao (China)  
Dongfeng Xu (China)  
Daisuke Hasegawa (Japan)  
Sachihiko Itoh (Japan)  
Yoshikazu Sasai (Japan)  
Sung Yong Kim (Korea)  
Young-Gyu Park (Korea)  
Sergey Prants (Russia)  
Olga O. Trusenkova (Russia)

Sanae Chiba (Deputy Executive Secretary)  
Julia Yazvenko (Webmaster)

***WG 38 Endnote 2***

**WG 38 meeting agenda**

1. Welcome and introduction. Goals of the day (Annalisa Bracco and Hiromichi Ueno)
2. Progress of WG 38 (Hiromichi Ueno)
3. Discussion: Road map for final report