

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

The fourth business meeting of the Working Group on *Mesoscale and Submesoscale Processes* (WG 38) was held online via Zoom from 17:00 to 19:00 (PST) on September 22, 2020. Fourteen WG members, two observers, Science Board Chair and Executive Secretary participated in the 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*).



Participants of the fourth meeting of WG 38 held online at PICES-2020. Left to right, top row: Elena I. Ustinova, Hiromichi Ueno, Annalisa Bracco, Emanuele Di Lorenzo, Yisen Zhong; Second row: Sung Yong Kim, Jack A. Barth, Yoshikazu Sasai, Sergey Prants, Tetjana Ross; Third row: Vera Trainer, Sachihiko Itoh, Sonia Batten, Carol Ladd, Young-Gyu Park; Fourth row: Daisuke Hasegawa and Xiaopei Lin. Olga O. Trusenkova connected later.

AGENDA ITEM 2

Progress of WG 38

Dr. Ueno gave a brief progress report of WG 38 activities.

AGENDA ITEM 3

Status of review paper

Dr. Bracco reported on the status of a review paper. The tentative title is “*Review: Oceanic mesoscale processes in the North Pacific: physical and biogeochemical impacts*”. Members agreed that the review paper will be prepared independently of the final WG report.

AGENDA ITEM 4

Road map for final report

Members discussed the road map for the final WG report. It was decided that the final report will be constructed as an aggregation of sections/subsections individually authored/coauthored by the members and contributors.

WG 38 Endnote 1

WG 38 meeting participation list

Members

Annalisa Bracco (USA, Co-Chair)
Hiromichi Ueno (Japan, Co-Chair)
Tetjana Ross (Canada)
Xiaopei Lin (China)
Yisen Zhong (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)
Elena I. Ustinova (Russia)
Carol Ladd (USA)

Members unable to attend

China: Bin Xiao, Dongfeng Xu
Russia: Maxim V. Budyansky
USA: Irina Rypina

Observers

Jack A. Barth (USA)
Emanuele Di Lorenzo (USA, POC Chair)

PICES

Vera L. Trainer (Science Board Chair)
Sonia Batten (Executive Secretary)

WG 38 Endnote 2

WG 38 meeting agenda

1. Welcome and Introduction. Goals of the day (Annalisa Bracco & Hiromichi Ueno)
2. Progress of WG38 (Hiromichi Ueno)
3. Status of review paper (Annalisa Bracco)
4. Road map for final report