

IMBeR West Pacific Symposium

CHANGING WEST PACIFIC
OCEAN: SCIENCE AND
SUSTAINABILITY

2021 Online
Event
11/22 - 25

Ecosystem, Biogeochemistry
and Interventions in the
Western Pacific and its
Marginal Seas

Beyond the Disciplinary Borders

Session 8: Ecosystem, Biogeochemistry, and Interventions in the Western Pacific and its Marginal Seas: Beyond the Disciplinary Borders

About this session

Marine ecosystems are under serious pressure of anthropogenic perturbations such as global warming, ocean acidification, coastal development, IUU fishing. The ecosystem changes are inducing the degradation of marine ecosystem services, which are the foundation of human society, and have affected economic activities and the welfare of coastal residents. Science-based policymaking is necessary for the sustainable use of marine ecosystem services under the on-going pressures. However, our understand on the complex and diverse ecosystem structure and dynamics of the western Pacific Ocean, the biogeochemical cycle, and their responses to climate change is limited. Preparing the best scientific knowledge to decision makers is an emergent request to scientists from society.

This session invites studies of marine ecosystem, biogeochemistry, their response to natural and anthropogenic climate perturbations and adaptation-focused interventions in the Western North Pacific and its marginal seas, especially those with interdisciplinary approach. Studies with new technique such as BGC-Argo, molecular biology, earth system model/regional ecosystem and BGC model, are welcome.



Expected output

Accepted authors will be invited to submit a full paper for a special issue in Deep-Sea Research Part II: Topical Studies in Oceanography following the instructions that will be communicated later on.
Other journals for the symposium volume may be also considered if needed.

Co-moderators



Hiroaki Saito
The University of Tokyo



Ying Wu
East China Normal
University

Please note, there is no charge for this online event.

Submission Deadline 15 September 2021

[Register and/or submit an abstract here](#)

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Symposium Secretariat: [IMBeR International Project Office – China](#) | Contact us: imber@ecnu.edu.cn

