

IMBeR West Pacific Symposium

CHANGING WEST PACIFIC
OCEAN: SCIENCE AND
SUSTAINABILITY

2021 Online
Event
11/22 - 25

Marine Extreme Events

Impacts
Forecasting
and Risk Management

Session 6: Marine Extreme Events: Impacts, Forecasting, and Risk Management

About this session

Marine extremes including heatwaves, deoxygenation events, upwelling – are becoming more common in many regions of the world. These extremes are often exacerbated by climate change, such that impacts on marine resource users and coastal communities is greater than in the past. This session will include presentations on the impacts of marine extremes on species and habitats, and human communities and activities. With an improvement in forecasting ability, particularly on seasonal time scales, early warning for the probability of extreme events is now possible. Marine heatwave forecasting, for example, is now providing early warning for coral reef systems, and ocean areas around Australia. Other forecasting systems for marine extremes that are under development can be discussed in this session. Finally, we welcome presentations on risk-based approaches to management of extreme events by governments, industries, and communities. These risk management approaches may be developed as a response to observed or predicted impacts, to forecasts, or to situations that have occurred elsewhere. An understanding of impacts, forecasting, and risk management for extreme events is critical in the West Pacific, where many coastal communities rely on the ocean for food, transport and livelihoods.



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.*



Moderator

Alistair Hobday

CSIRO

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

Submission Deadline 15 September 2021

Register and/or submit an abstract here

[Symposium website](#) | [Abstract template](#) | [Poster](#) | [First announcement](#)

Symposium Secretariat:  **IMBeR International Project Office – China** | Contact us: imber@ecnu.edu.cn



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