

Special Collection Call for Submissions

Past and Future Marine Ecosystems

Open for Submissions:

15 January 2023

Submission Deadline:

31 December 2023



Tyler Eddy

Climate change is posing unprecedented risks to marine ecosystems and the essential services they provide to billions of people. The Fisheries and Marine Ecosystem Model Intercomparison Project (FishMIP; www.fishmip.org) aims to project and understand the climate impacts on marine ecosystems and fisheries and to help inform policies that adapt and mitigate them. Our ensemble projects a global decline in potential fish biomass by 2100, but with large uncertainties for different regions of the world. In response to international calls for more robust regional projections, and marking the 10th anniversary of FishMIP, this Special Issue aims to advance research on marine climate impact ensemble modeling. The topics covered include: projections and uncertainties, model evaluation, detection and attribution of past change, and future human-use scenarios to better support policy and decision-making. These advances provide tools urgently needed to help define a safe operating space for human use of the oceans over the rest of the century and beyond.

SPECIAL COLLECTION ORGANIZERS:

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