



**Fisheries and Marine Ecosystem Model Intercomparison (Fish-MIP) Postdoctoral Scientist**  
2-year postdoctoral position available in Barcelona, Spain.

The Fisheries and marine ecosystem Model Intercomparison Project (Fish-MIP) is an international, collaborative project that addresses both human and natural aspects of ocean ecosystems, bringing together a wide diversity of models and modelers to assess impacts, provide projections for international policy processes, and contribute towards model improvement. Fish-MIP is open to the inclusion of all marine ecosystem models, which are then forced under standardized climate and fisheries scenarios at both regional and global scales. The output of FishMIP simulations is made publicly available, and will be provided to the online ISIpedia platform to aid stakeholders in making decisions, and assess interacting impacts. The position advertised herein is to synthesize, integrate, expand, and improve upon contributed model outputs, both directly through the analysis of outputs, and through collaborating with individual modellers. Synthesis of model results will be aimed at improving the integrated understanding of climate change and fisheries impacts on the global marine ecosystem, identifying and quantifying critical uncertainties, and estimating what this means for human societies.

The postdoc will work closely with members of the ERC-funded project BIGSEA, at the Universitat Autònoma de Barcelona.

**Duties:** The postdoc will carry out analyses of FishMIP results, contributed by a global network of marine ecosystem and fish modelers, and will help to build the next phase of FishMIP through working with the community to generate, integrate, and synthesize model outputs. This will include producing metrics for the ISIpedia, identifying inter-model differences, coordinating synthesis workshops, exploring poorly-understood processes, developing a multi-model emulator, and producing relevant publications.

**Essential qualifications:** Coding and statistical analysis experience (using Python, R, Matlab or similar) preferably also including model development (using e.g. C, Fortran, etc.). Familiarity with marine ecosystem and/or fisheries models. PhD in a related field, with a strong track record of publications.

The position is available to begin as of April 1, and preferably before July 1. Applications can be sent to [eric.galbraith@icrea.cat](mailto:eric.galbraith@icrea.cat). Review of applications will begin March 10, and the position will remain open until filled.