

Coupled human-marine systems

We seek to understand how institutions, incentives, and the environment shape how humans use marine resources; how humans respond to changes in the marine environmental and policy landscapes, and how these responses feed back into the system. Some broad lines of inquiry may include:

- The distributional consequences of marine conservation
- The effect of climate and weather hazards on fisheries
- Human use of ocean space and human mobility at sea
- (Marine) Policy design and evaluation
- Overlap and interaction between any of the above

You will typically – though not exclusively– **learn** to work with **large data** sets such as remotely-sensed products, vessel-tracking data, or long-term and high-resolution fisheries production data. You will use **geospatial modelling, statistical learning, and high-performance computing**. Experience of (or willingness to learn) scripting languages and version control is highly desirable. I **encourage** you to reach out to me before applying.

