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## **ECL 290 (1 unit): Recent advancements in Ecosystem-Based Fisheries Management Spring 2023**

**Instructors:** Mikaela Provost, Marissa Baskett, Jim Sanchirico

### **Brief description:**

Ecosystem based fisheries management (EBFM) has been increasingly implemented over the past several decades but has also faced ongoing challenges in realizing the goals of accounting for the many complexities of marine systems in fisheries decision-making. Broadly, EBFM includes four basic topics: (1) species interactions, (2) environmental variability, (3) human dimensions, and (4) uncertainty and adaptive management. In this course, students will lead discussions on recent developments in each of these topics, followed by a synthesis at the end of the course. We aim to understand how fisheries management can move from single-species to EBFM (i.e., which components are most important, and when), and ask if (or what type of) EBFM is achievable.

**Meeting times/days:** Fridays 1:40-3:00PM

**Location:** 2120B Wickson

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