

SUSTAINABLE OCEANS: Balancing Conservation, Fishery exploitation, and Community Resilience

ECL 298 (2 units) – CRN 29929

Fall Quarter 2021

Thursday 1:10-3:00pm

Location: 2120B Wickson



Course description: One of the greatest challenges of modern ocean governance is finding the right balance of conservation and fishery exploitation under changing oceanic conditions while at the same time promoting resilient coastal communities. To gain insights into this balance, the class will develop a causal chain(s) to explore the tradeoffs for a focal species or group (e.g., salmon, forage fish) in a region (e.g., California, Alaska, Arctic). The causal chain provides the scaffolding for the suite of natural and social science research necessary to inform these trade-offs and decisions in a changing ocean. The students will work in teams researching the scientific basis for different parts of the chain and the remaining important unknowns. The teams will present their research to the class throughout the quarter.

Instructor: James Sanchirico

For questions contact: Pernille Sporon Boving boving@ucdavis.edu



This course is sponsored by Sustainable Oceans –
From Policy to Science to Decisions
NSF NRT Award # 1734999. This course is the causal chain
course in the NRT curriculum.