

ECL 298: SUSTAINABLE OCEANS: CAUSAL CHAIN (Graduate level Fall quarter)

In an interdisciplinary team atmosphere, students develop a set of management decisions under the theme of the course, where the theme changes each year. In 2021, the theme is Balancing Conservation, Fishery exploitation, and Community Resilience. The students then develop a causal chain(s) that provides the scaffolding for the suite of natural and social science research necessary to inform those management decisions. Throughout the quarter, students will work in small teams outside of class researching the scientific basis for part of the chain and the remaining important unknowns. The teams will present their research to the class throughout the quarter.

Flyers from past years:

SUSTAINABLE OCEANS:
California Fishery Management In A Changing Ocean

ECL 298 (2 units) – CRN 64082
Fall Quarter 2019
Wednesday 2:10-4:00pm Wickson 1017



SUSTAINABLE OCEANS:
Marine Spatial Planning In A Changing Ocean


ECL 298 (2 units) – CRN 29661
Fall Quarter 2020
Thursday 1:10-3:00pm
Real time via zoom



Course description: Marine spatial planning is touted as necessary to sustain robust and thriving coastal communities and protect natural resources. To gain insights into this assertion, the class will develop a causal chain(s) for one or more uses (e.g., wind energy, aquaculture, recreational fishing, commercial fishing, and conservation) that provides the scaffolding for the suite of natural and social science research necessary to inform spatial allocation 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.

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