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 TA: Michael Robinson (michaelr@geog.ucsb.edu; Office: Ellison 6716; OH: M 11-12 or by appt.)

Lecture: MWF 1:00-1:50 in Chem 1171 Disc 1 - M 10-11; Disc 2 - W 2-3; All in Ellison 2620

A systematized introduction to marine resources focusing on the physical and biological environment of the California Current and our interactions with it. Resource topics to be covered include fishery management, marine reserves, pollution, recreation, and agency interactions. Several lectures will be presented by outside experts.

Reader: Available at the Alternative Copy Shop - 6556 Pardall, Isla Vista
 Website: <http://www.icess.ucsb.edu/~davey/Geog158/index.htm>

Grading will be based on success on examinations and a project performed in the discussion sections. The midterm will count 30%, the final will be 40% and discussion project will count 30%.

Course Schedule (will be cast aside at some point ...)

1	M	April 2	The CA Current from a Global Perspective
1	W	April 4	Scales of variability in oceanic systems
1	F	April 6	Seawater - Dynamic height - Water masses
2	M	April 9	Horizontal Currents - Geostrophy
2	W	April 11	Winds - Ekman Transport – Upwelling
2	F	April 13	Large scale, seasonal surface circulation in the CA current
3	M	April 16	Circulation in the Santa Barbara Channel
3	W	April 18	Seasonal circulation patterns and primary production
3	F	April 20	Primary production from space
4	M	April 23	El Niño/Southern Oscillation
4	W	April 25	Interannual variations of the CA Current
4	F	April 27	Secondary Production & Food webs
5	M	April 30	Food webs to fish – Bottom up controls
5	W	May 2	Pelagic fisheries and concept of sustainable yield
5	F	May 4	Review
6	M	May 7	MIDTERM
6	W	May 9	Fisheries management
6	F	May 11	Guest Lecture - ???
7	M	May 14	Fisheries management
7	W	May 16	Kelp ecosystems
7	F	May 18	Distributed and point-source pollution
8	M	May 21	Sewage disposal & microbial contamination
8	W	May 23	Stormwater inputs into the coastal ocean
8	F	May 25	Oil and gas extraction
9	M	May 28	Memorial Day - No Class
9	W	May 30	Marine mammals
9	F	June 1	Waves and surfing
10	M	June 4	Sand and beaches
10	W	June 6	Catch up on stuff I skipped
10	F	June 8	Review for final

FINAL 4-7pm!!! Wednesday June 13