



Santa Barbara Coastal
Long Term Ecological Research

2019 SBC IV Research Planning Meetings

Marine Science Institute

Fridays, 12:00-1:00

MSI Auditorium (exceptions announced)

Theme 1: *Environmental drivers of kelp persistence and community structure*

January 10 1A: Community and ecosystem consequences of climate variability, disturbance and pathways of recovery (A. Stier)

JANUARY 17 1B: Ecological consequences of fishing (H. Lenihan)

JANUARY 24 1C: Sources and utilization of recycled nitrogen (M. Brzezinski)

Theme 2 - *Dynamic biophysical coupling in kelp forest ecosystems*

JANUARY 31 2B. Effects of kelp on the processing and fate of dissolved organic matter (C. Carlson)

FEBRUARY 7 2A. Effects of kelp on physical and chemical fluxes (N. Nidzieko)

FEBRUARY 14 2C. Ecological and evolutionary consequences of kelp-induced changes in seawater chemistry (G. Hofmann)

Theme 3 - *Spatial dynamics and connectivity of kelp forests and adjacent ecosystems*

FEBRUARY 28 3A. Demographic connectivity and metapopulation dynamics of giant kelp (D. Siegel/K. Cavanaugh)

MARCH 6 3B. Trophic connectivity between kelp forests and beaches (J. Dugan)

MARCH 13 3C. Trophic connectivity between the coastal ocean and kelp forests (B. Miller)