

2025 MEDS Capstone Projects Faculty Review Schedule

Wednesday, March 5, 2025

	Capstone Title	Students	Faculty Advisor	Faculty Reviewers
1:05 – 1:25	Remote Sensing of Brush Clearance to Enhance Wildfire Preparedness (wildfire_prep)	Josh Cohen Ryan Green Leilanie Rubinstein Rachel Swick	Mark Buntaine	Andrew Plantinga Jayajit Chakraborty
1:30 – 1:50	Identifying Justice40 Communities Based on Cumulative Environmental Burdens (justice40)	Josephine Cardelle Kat Le Haylee Oyler Kimberlee Wong	Jayajit Chakraborty	Andrew Plantinga Mark Buntaine
1:55 – 2:15	Industrial Energy Data Exploration Interface (IndustrialEnergy)	Naomi Moraes Eva Newby Oksana Protsukha Yoselyn Ramirez	Eric Masanet	Kyle Meng Ranjit Deshmukh
2:20 – 2:40	Modeling the impact of Decarbonization on Labor in California's Central Coast (deCCCarb)	Brooke Grazda Marina Kochuten Elizabeth Peterson	Ranjit Deshmukh	Chris Costello Ruth Oliver
break				
3:00 – 3:20	Assessing Range Shifts of Coastal Species to Inform Conservation in California's Biogeographic Transition Zones (coastalconservation)	Ian Morris-Sibaja Amanda Overbye Jordan Sibley Matteo Torres	Bruce Kendall	Ruth Oliver Steve Gaines
3:25 – 3:45	Quantifying Greenhouse Gas (GHG) Emissions Associated with Global Seafood Production (Seamissions)	Stephen Carroll Carmen Hoyt Joshua Mull Nicole Pepper	Gavin McDonald	Steve Gaines Bruce Kendall
3:50 – 4:10	Data for Drought Resiliency (CalDrought)	Thomas Gibbens-Matsuyama Emma Mitchell Karol Paya Takeen Shamloo	Naomi Tague	Sam Stevenson Max Czapanskiy
4:15 - 4:35	Evaluating the Protection of Diverse and Representative Coastal and Marine Habitats within MPA Network (MarineBioMaps)	Madison Enda Bailey Jorgenson Michelle Yiv	Sam Stevenson	Naomi Tague Max Czapanskiy
4:45 – 5:30	Toast on Decker's Deck			