

LONG-TERM MONITORING OF BAR-BUILT ESTUARIES

Robin Roettger and John Largier

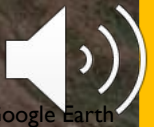
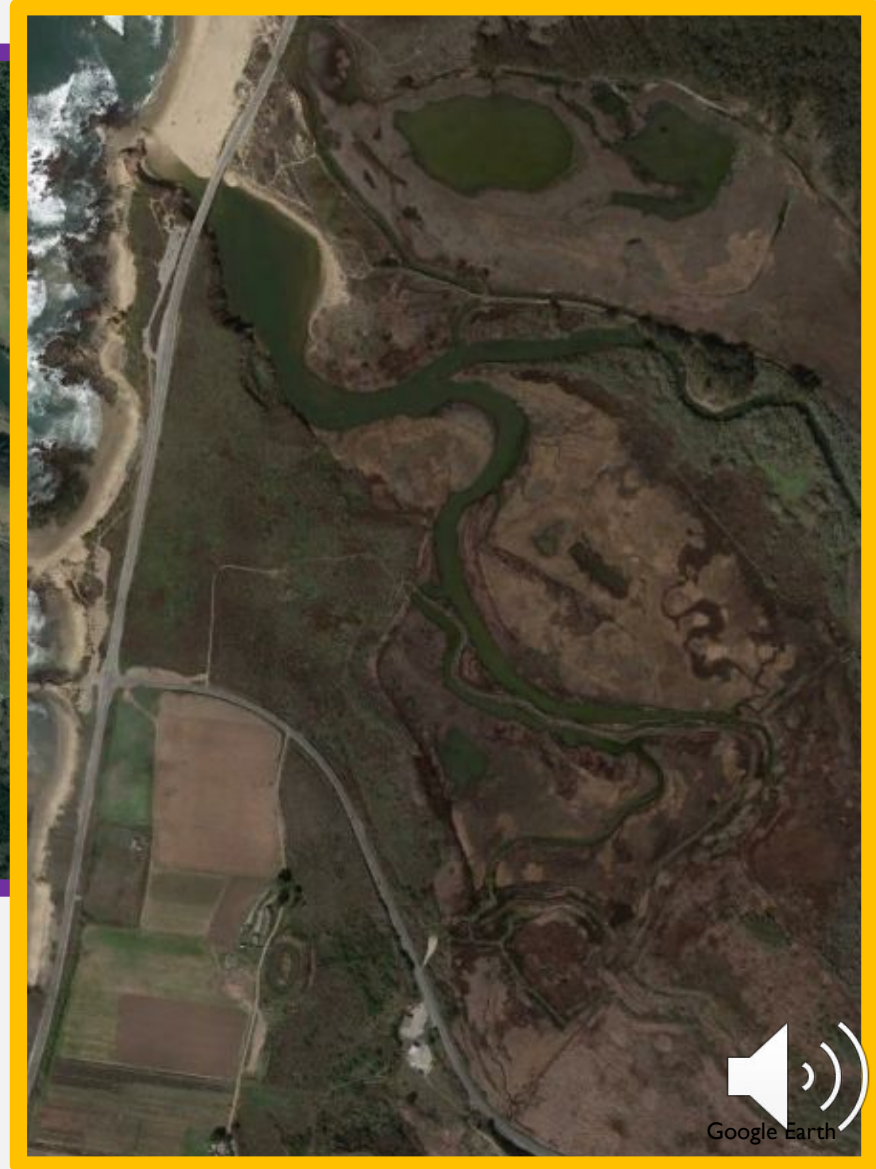
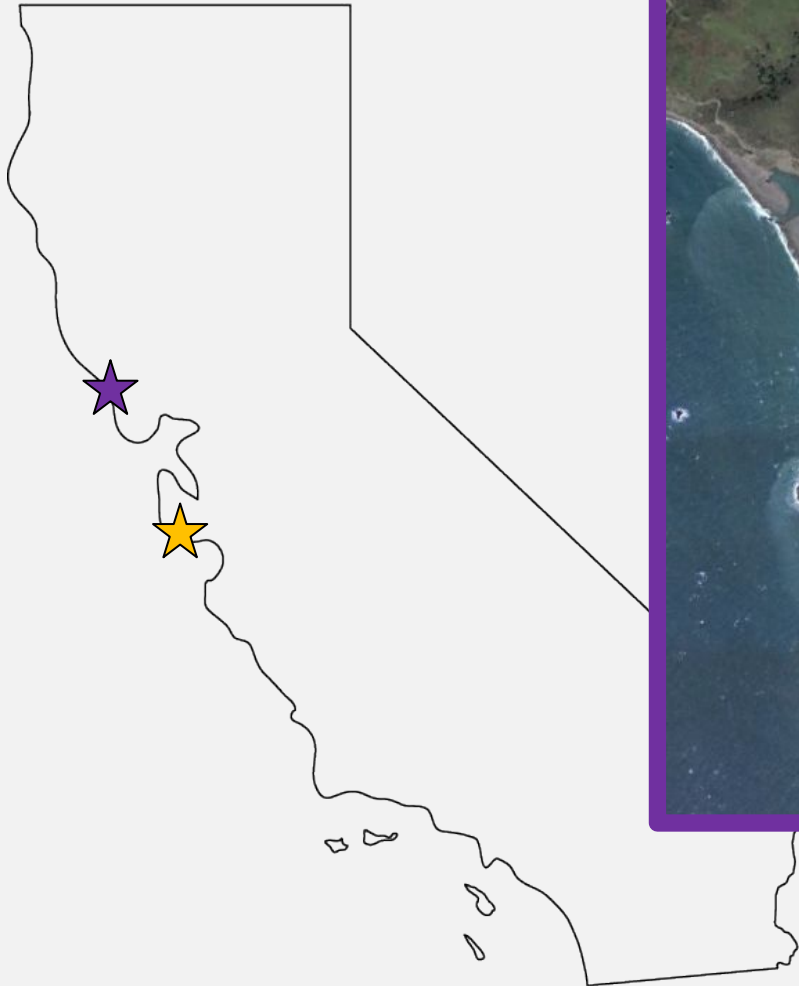
Beyond the Golden Gate Research Symposium || 20 January 2022



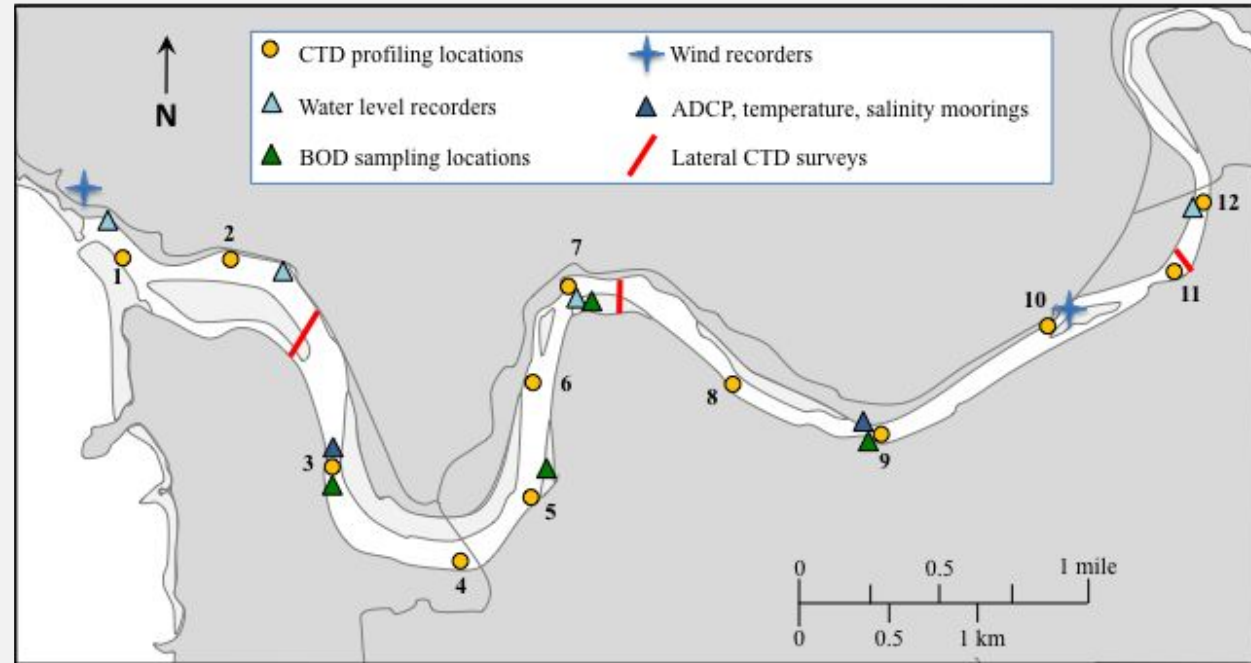
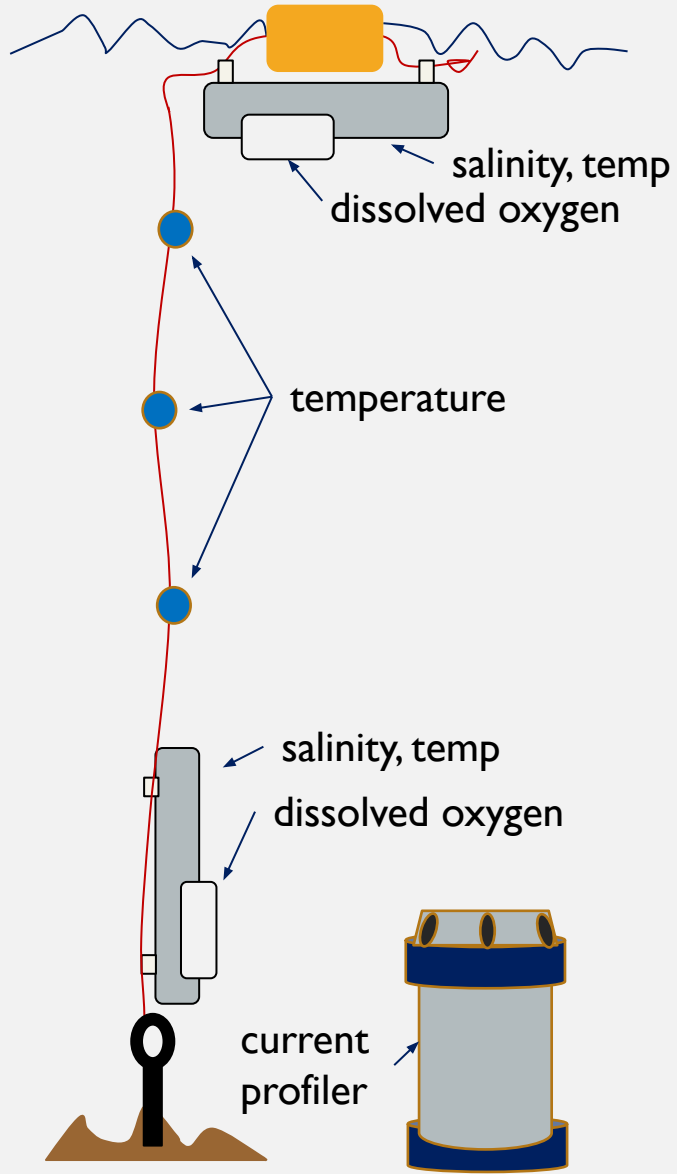
UC DAVIS
BODEGA MARINE
LABORATORY



BAR-BUILT ESTUARIES IN CALIFORNIA



RUSSIAN RIVER 2009-PRESENT



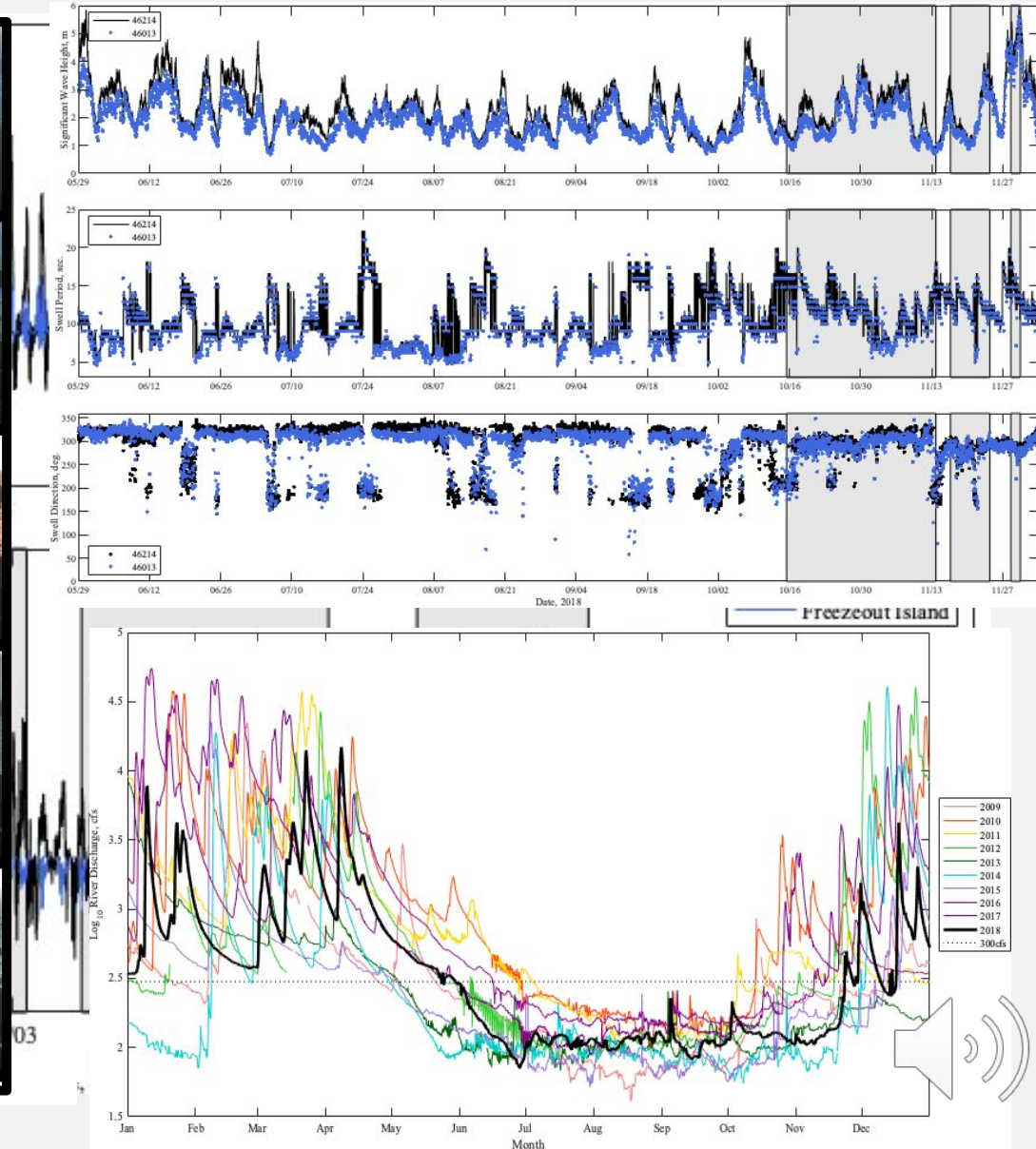
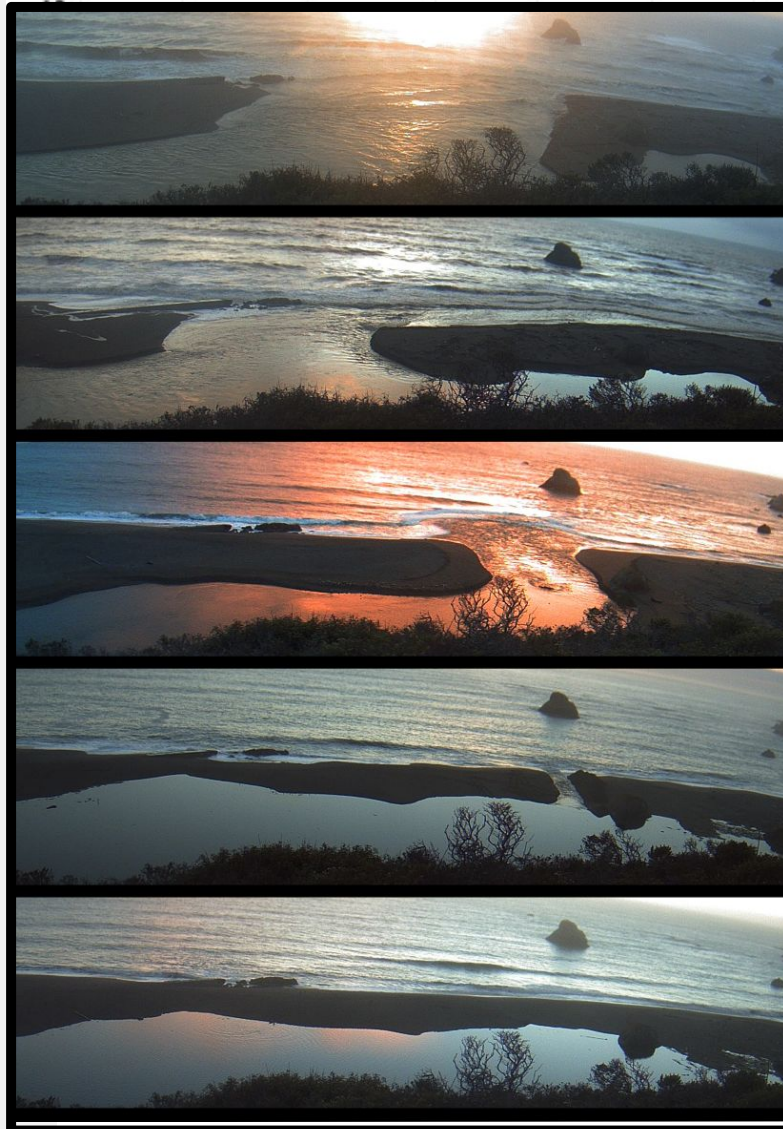
March-November study period

- CTD surveys
- BOD samples
- In situ sensors

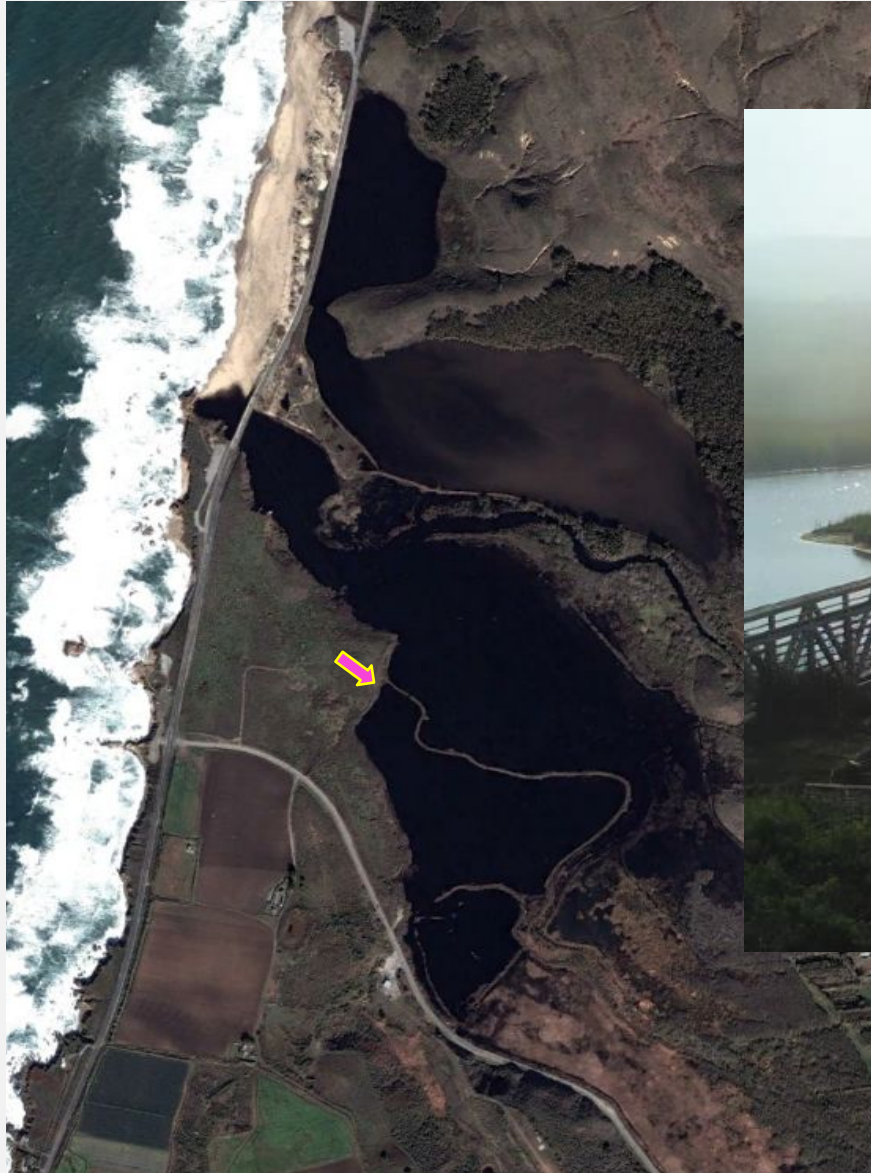


RUSSIAN RIVER DATA

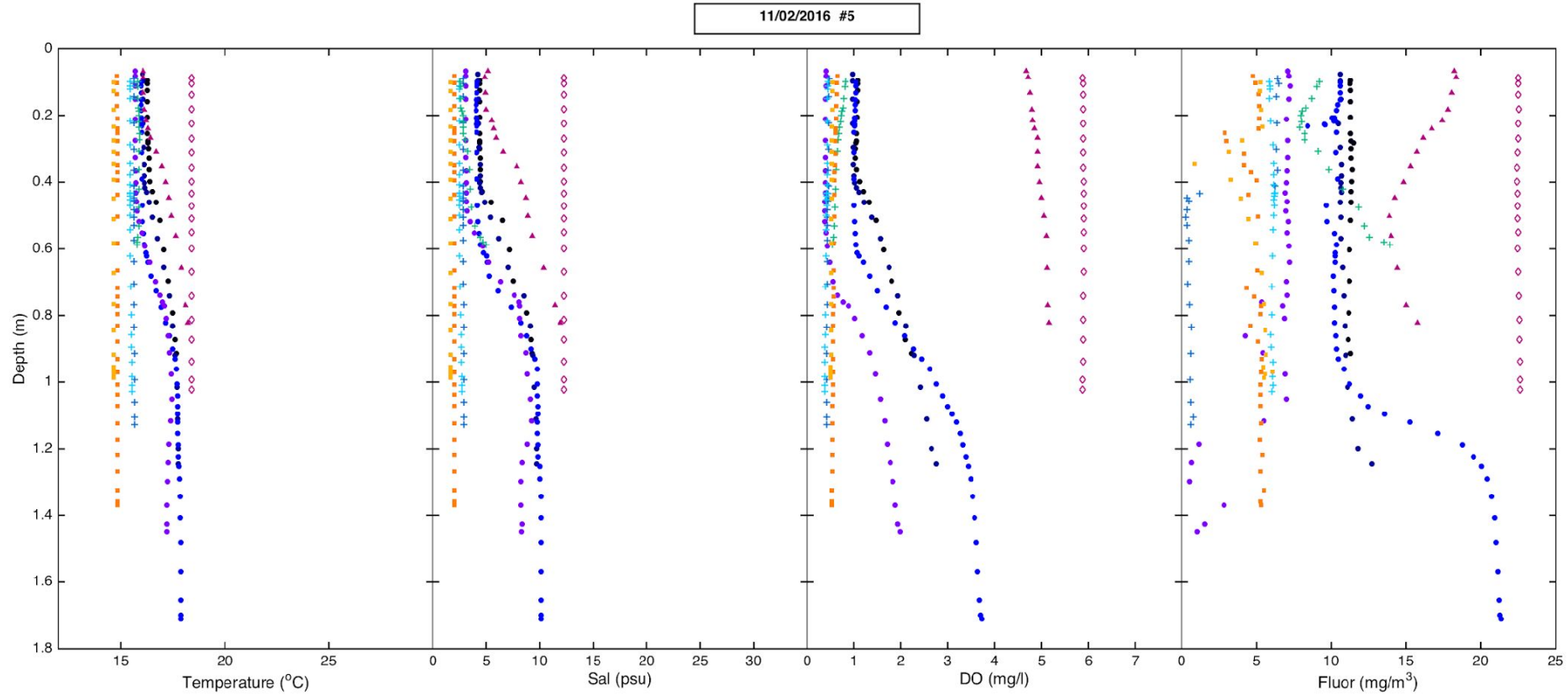
- moorings
- CTD casts
- wind
- mouth images
- NOAA wave data
- USGS discharge



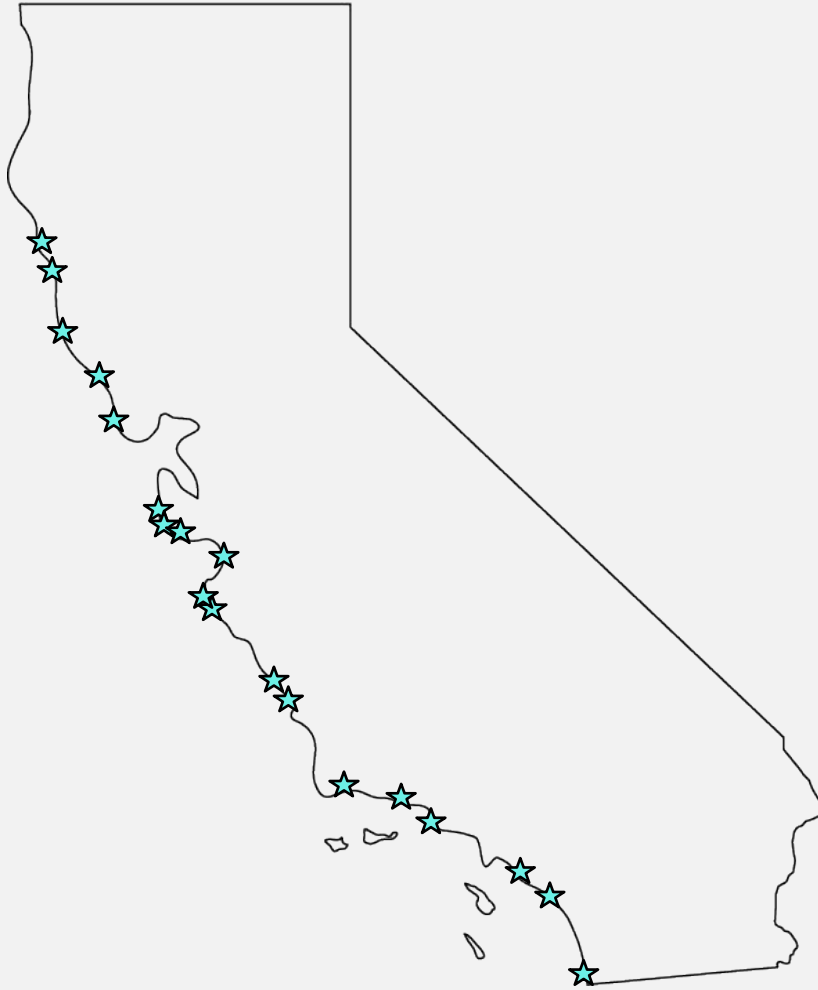
PESCADERO 2016 - PRESENT



PESCADERO DATA



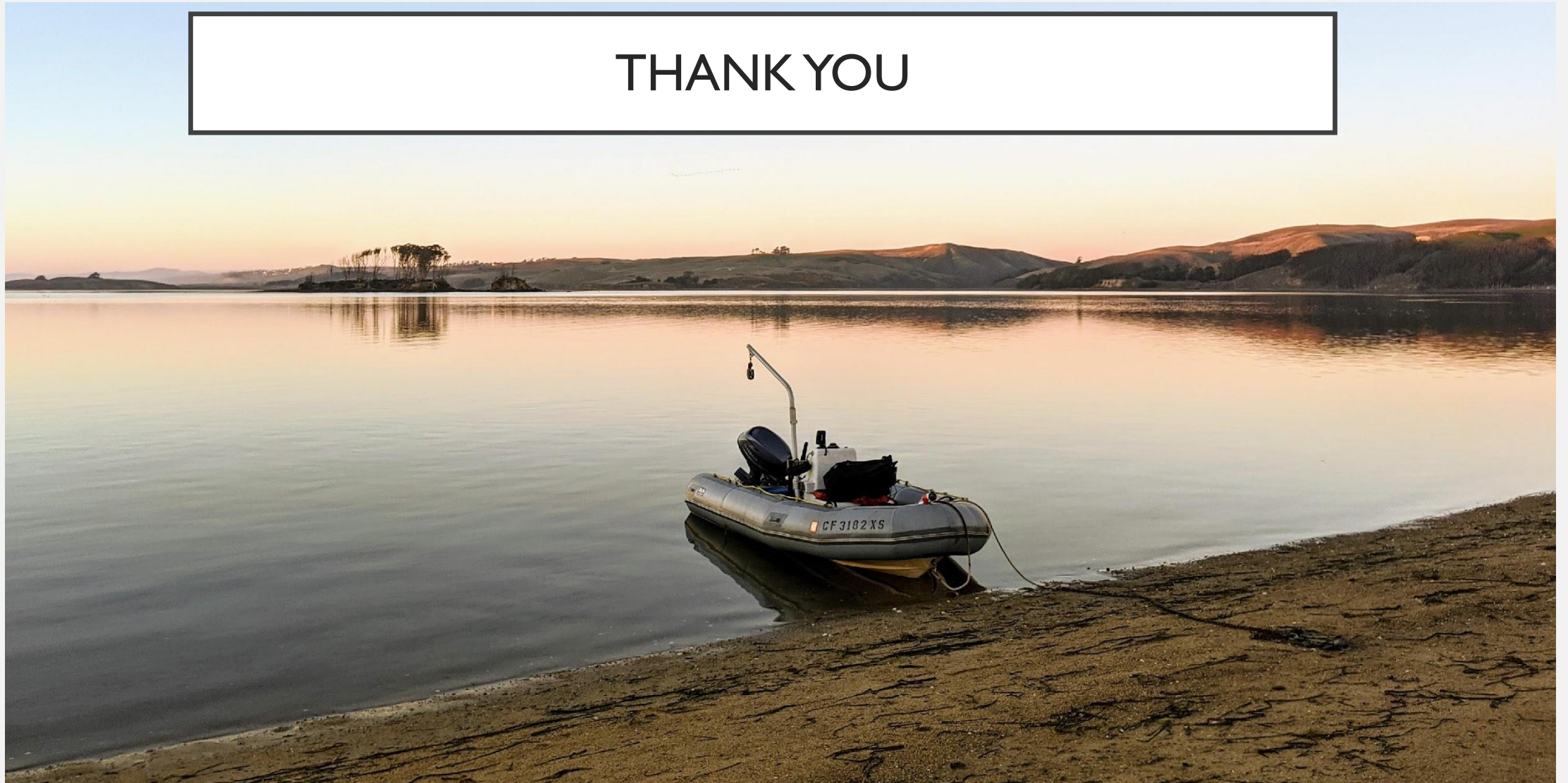
OTHER ESTUARY MONITORING PROJECTS



- Ten Mile River
- Big River
- Navarro River
- Russian River
- Salmon Creek
- Drakes Estero
- Bolinas Lagoon
- Pescadero Creek
- Waddell Creek
- Laguna Creek
- Pajaro River
- Carmel River
- Moro Cojo Slough
- Arroyo de la Cruz
- Morro Bay
- Goleta Slough
- Ventura River
- Malibu Creek
- Newport Bay
- Batiquitos Lagoon
- Tijuana River



THANK YOU



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