

# The Science of Nutrient Transport and Transformation in the Elkhorn Slough Estuary

**March 19, 2019**

Administration Conference Room

Elkhorn Slough National Estuarine Research Reserve (ESNERR)

1700 Elkhorn Rd, Watsonville, CA 95060

## Workshop objectives

- Introduce several new projects on nutrient transport and transformation in the Elkhorn Slough estuary
- Briefly review other research on nutrient inputs and transformations in the Elkhorn Slough to determine how new research can better leverage past work, and what additional research is still needed.
- Solicit feedback on additional issues of particular scientific or management interest that investigators may be able to address through these projects.

## Agenda

08:30	<i>Check-in and refreshments</i>
09:00	Welcome
09:10	Introductions
09:30	Water quality monitoring results from the Elkhorn Slough estuary (John Haskins, ESNERR)
09:45	Estimating nutrient TMDL in the Elkhorn Slough estuary (Martha Sutula, Southern California Coastal Water Research Project / SCCWRP)
10:15	Linking land surface processes and water quality in the Elkhorn Slough (Chippie Kislik, Anaya Hall, Molly Van Dop, Kendall Calhoun, UC Berkeley)
10:30	<i>Break</i>
10:45	Nutrient dynamics in tidally restricted regions of the Elkhorn Slough estuary (Mo Wise, Moss Landing Marine Lab)
11:00	High resolution study of nutrient transport and transformation in Elkhorn Slough estuary (Margaret Zimmer, UC Santa Cruz)
11:30	Discussion (general)
12:00	<i>Lunch</i>
13:00	Discussion (technical)

## Questions?

Please contact the Coastal Training Program at ESNERR, [coastaltraining\(at\)elkhornslough.org](mailto:coastaltraining(at)elkhornslough.org), (831) 728-2822, x306

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