

## DEVAN ROPER

devan.roper@maine.edu | (484) 624-9850

### RESEARCH AND PROFESSIONAL EXPERIENCE

#### University of Maine, Cooperative Extension

*Mesonet Manager Professional*, October 2025 - present

#### University of Southern California, Department of Earth Sciences

*Laboratory Technician*, Will Berelson's Lab, February 2024 - September 2025

#### Sender One Climbing and Fitness, Santa Ana, CA & Los Angeles, CA

*Customer Service Supervisor; Retail Operations*, March 2019 - February 2024

#### Environment California, Los Angeles, CA

*Ocean Protection Intern*, August 2023 - January 2024

### EDUCATION

#### Oregon State University, Corvallis, OR

September 2023

B.S., Environmental Science; concentration in Applied Ecology

#### El Camino College, Torrance, CA

Completed May 2025

*Additional Coursework*: Calculus 1 & 11

#### Biola University, La Mirada, CA

Attended August 2018 - May 2020

Biology major before transferring to OSU

### PRESENTATIONS & PUBLICATIONS

Wani, R., **Roper, D.**, Agrawal, R., Lim, E., Rollins, N., Berelson, W. (2026, February). The Impact of NaOH, CaO, and  $\text{HCO}_3^- + \text{Ca}^{+2}$  Addition on PIC and POC Formation in Los Angeles Harbor Waters. *EGU Biogeosciences Journal* (Submitted)

Birkel, S., Calderwood, L., **Roper, D.**, (2026, February). Maine Mesonet Project. *Extension Exchange*. University of Maine Cooperative Extension.

Wani, R., **Roper, D.**, Mejia, K., Graff, J., Quinan, M., Rollins, N., & Berelson, W. (2026, February). Coastal Los Angeles based Case Study from OAE PIIP: Ocean Alkalinity Enhancement Pelagic Impact Intercomparison Project. In *2026 Ocean Sciences Meeting*. AGU

Quinan, M., Rollins, N., **Roper, D.**, Barnhart, H., Mejia, K., Hashim, M., Hammond, D., Berelson, W. (2026, February). Respiration and carbonate dissolution effect alkalinity and DIC fluxes from permeable Southern California shelf sediment. In *2026 Ocean Sciences Meeting*. AGU.

Wani, R., Rollins, N., **Roper, D.**, Agrawal, R., Lim, E., *et al.* (2025). Biogeochemical response to ocean alkalinity enhancement from varying alkalinity sources. In *Goldschmidt 2025 Conference*. Goldschmidt.

Ponla, K., **Roper, D.**, Stevens, N., & Tuggy, K. (2018). Analyzing the relation between phytoplankton and water depth. Biology Symposium, Biola University, La Mirada, CA.

#### **AWARDS/HONORS**

|                                                                    |                         |
|--------------------------------------------------------------------|-------------------------|
| Honor Roll - Oregon State University                               | Fall 2021 & Winter 2023 |
| Torrey Honors Program admission and scholarship - Biola University | 2018 - 2020             |
| Purpose Scholarship - UC Berkeley                                  | 2017                    |
| Lead Program admission and scholarship - Biola University          | 2019 - 2020             |