

David L Nieland

Subject: Assistant Professor of Aquatic Ecology and Water Quality

The Division of Science & Environmental Policy (SEP) at California State University, Monterey Bay (CSUMB) seeks applicants with a demonstrated commitment to teaching and research in freshwater aquatic ecology and water quality within natural, agricultural, and urban landscapes in California's Central Coast region.

- Teach upper division course in aquatic ecology (and co-listed graduate course)
- Teach upper division course in environmental monitoring – using the study of biological and chemical water quality as a case study in the application of experimental design, contemporary statistics, and quantitative reasoning
- Contribute as needed to teaching upper division course in critical thinking and communication in environmental science and/or lower division course in statistics (using R software)
- Employ innovative teaching and learning techniques that engage students through the use of technology, hands on experience, and problem solving
- Develop and maintain applied research activities with relevance to aquatic ecological and water quality issues within perennial and non-perennial streams, coastal lagoons, vernal pools, lakes, and/or reservoirs in California's Central Coast region
- Provide research opportunities for undergraduates, including involving students in field-based sampling of aquatic organisms and monitoring of aquatic biological and chemical variables
- Pursue and obtain extramural funding

For more information see:

<https://csumb.peopleadmin.com/postings/980>