



STATE WATER RESOURCES CONTROL BOARD 2017 Sea Grant Fellowship Opportunity

1. Host location and contact information

State Water Resources Control Board, Division of Water Quality
CalEPA Building
1001 I Street, 15th Floor
Sacramento, CA 95814

2. Fellowship supervisor & Point of Contact for Prospective Fellows and Finalists

Claire Waggoner
Senior Environmental Scientist
Statewide Policies and Planning Unit
(916) 341-5582
claire.waggoner@waterboards.ca.gov

3. Position Description

The State Water Resources Control Board was created by Legislature in 1967. Our mission is to preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations <http://www.waterboards.ca.gov/>. The Statewide Policies and Planning Unit in the Division of Water Quality works on a diverse list of projects in in the Groundwater Protection Section including, but limited to, desalination, constituents of emerging concern, recycled water, agricultural lands, salt and nutrient management planning, healthy soils, and biosolids. http://www.waterboards.ca.gov/about_us/org_charts/display.php.

Under the general direction of the supervisor of the Statewide Policies and Planning Unit, the Sea Grant Fellow's (Fellow) primary responsibilities would be to work with staff from the State and Regional Water Quality Control Boards to implement the Amendment to the Water Quality Control Plan for Ocean Waters of California ([Ocean Plan](#)) Addressing Desalination Facility Intakes, Brine Discharges, and the Incorporation of Other Non-substantive Changes ([Desalination Amendment](#)). The recently-adopted Desalination Amendment requires that any new or expanded seawater desalination facility use the best available site, design, technology and mitigation measures feasible to minimize intake and mortality of all forms of marine life. The Desalination Amendment includes very specific analyses, studies, and considerations that the water boards staff must evaluate in determining whether a proposed desalination facility utilizes the best available site, design, technology, and mitigation measures feasible.

The Fellow would review technical documents, participate in scientific studies, coordinate third party peer reviews and expert review panels, and provide summaries of their findings and recommendations based on their analyses. Some of the specific tasks assigned to the Fellow may include reviewing proposals for fee-based mitigation programs and evaluate if they meet all of the requirements in the Desalination Amendment. The Fellow would also work on a team to assess

Marine Life Mortality Plans and Mitigation Plans and evaluate whether the proposed mitigation projects meet the requirements in the Desalination Amendment.

The Fellow would work on the Statewide Constituent of Emerging Concern (CEC) Initiative Team. CECs are a large group of chemicals that may or may not pose a risk to human health and aquatic species. The State Water Board and Regional Water Quality Control Boards have worked on several projects to monitor CECs and identify the CECs of highest risk to human health and the environment, but the efforts have not been well coordinated. The Fellow will work with staff to coordinate statewide CEC efforts to more efficiently and effectively utilize State and local resources and work towards the overarching goal of developing a statewide strategy to address CECs.

The Fellow may work on Ocean Plan amendments and other water quality plans and policies. The Fellow's duties may involve all phases of the public planning process, including California Environmental Quality Act (CEQA) scoping, discussion with interested parties to identify possible alternatives for action, preparation of environmental documentation, public hearings, response to public comments, recommendations to the Board, and preparation of the administrative record for any changes that the Board adopts.

In performing the abovementioned duties, the Fellow shall interact with interested agency staff, stakeholders, and the general public in a courteous and helpful manner. The Fellow is responsible for the quantity, quality, and timeliness of work assigned. Some travel may be required for the position. The Fellow also will perform other duties, as assigned, to support the Statewide Policies and Planning Unit and Division of Water Quality.