

Alexandria Dunn**State Water Resources Control Board, Environmental Scientist**

Alexandria (Ali) Dunn is an environmental scientist at the State Water Resources Control Board (SWRCB) in the Nonpoint Source Unit where she works on restoration grants and the statewide forestry program. Ms. Dunn is a member of the AB1492 Ecological Performance Measures and Planning Watershed Pilot Projects working groups. For the last three years she worked in watershed management and habitat restoration at the SWRCB in the Storm Water Unit and at the California Department of Fish and Wildlife (CDFW) as the Regional Mitigation Banking Coordinator. During her time working in storm water she was co-lead for the Phase II Small Municipal Separate Storm Sewer System (MS4) Permit renewal, lead author of the permit monitoring requirements and a core member of the Storm Water Strategic Initiative (a statewide effort to identify and address storm water program effectiveness). At CDFW, she worked with state and federal wildlife and water resource agencies to draft habitat, hydrology and species performance standards and monitoring requirements for mitigation and conservation banks.

Ms. Dunn obtained her Bachelor of Science degree in Biological Sciences with a concentration in Conservation Biology in 2011.

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EXPERIENCE

State Water Resource Control Board, Sacramento, 2/2016 – present

- Participate in Ecological Performance Measures working group and Planning Watershed Pilot Projects working group per AB 1492 requirements.
- Track grantees' management measure (MM) and management practice (MP) implementation and determine MM/MP effectiveness on improving water quality throughout the State.
- Review and evaluate water quality information using statistically valid methods and prepare reports on water quality improvements on a watershed scale.
- Conduct technical review for Los Angeles Stormwater Permit petition to ensure watershed management plans and associated modeling and monitoring plans are scientifically sound.

CA Department of Fish and Wildlife, Rancho Cordova, 9/2014-2/2016

- Coordinated and collaborated with multiple state and federal agencies to develop mitigation and conservation bank performance standards, success criteria and monitoring requirements.
- Conducted field site visits to assess habitat value, regulatory compliance and implemented surveys and monitoring including: water quality, macroinvertebrate assemblage, wetland cores, birds and raptors, fluvial geomorphology, riparian vegetation, protected species and salmonid redds.
- Utilized best available science to provide permittees and project proponents with wildlife and plant species guidance in order to effectively protect California's wildlife and habitat resources.
- Collaborated with Department regions to develop and implement consistent approaches to species and habitat protection throughout California, where appropriate.

State Water Resources Control Board, Sacramento, CA, 3/2012-9/2014

- Utilized knowledge of Clean Water Act, Porter-Cologne Water Quality Control Act and State Water Board Basin Plan to co-author the Phase II Small Municipal Separate Storm Sewer System (MS4) Statewide General Permit for municipal storm water discharges.
- Participated in board member briefings, presented information at board workshops and board meetings in a public forum and provided executive management and board members with talking points and presentations for conferences and symposiums related to watershed management and sustainable development for improved water quality.
- Reviewed and analyzed statewide storm water program to identify program issues and potential solutions to better integrate watershed management, multiple-benefit projects and data into core regulatory program.
- Monitored water quality impacts associated with urban runoff and hydromodification effects, conducted fish counts in urban creek systems and surveyed salmonid habitat.

Central Valley Regional Water Board, Rancho Cordova, CA, 3/2011 – 3/2012

- Prepared environmental permitting packages, regulatory permits and other environmental documents pertaining to Clean Water Act Section 401 Water Quality Certifications (WQCs).
- Participated in field inspections, collected samples and prepared site visit reports, conducted municipal storm water program audits and authored audit reports.
- Conducted CEQA and NEPA analysis for water quality, hydrology and biological resources.
- Reviewed water quality monitoring turbidity reports related to 401 WQCs.

EDUCATION

Bachelor of Science, Biological Sciences, Biological Conservation Concentration

California State University, Sacramento, Fall 2011