

EXPERIENCE

[REDACTED] Water Resources Planner [REDACTED], CA

February 2019–Present

- As the lead author, produced and delivered Environmental Impact Report chapters that evaluated surface water resources, flood protection, and climate change for:
 - The [REDACTED] Project, a \$16B state-agency water conveyance project.
 - The [REDACTED] Plan, a long-term management plan for the Sacramento–San Joaquin Delta.
- Developed urban water management and groundwater sustainability plans to optimize local water supply management and conservation in accordance with state mandates
- Improved long-term resiliency for 200,000 residents in a local county by creating a drought planning document that outlined monitoring tools, regional vulnerabilities, and mitigation actions
- Conducted a preliminary environmental analysis (e.g., impacts, impact thresholds, mitigation) to streamline the permitting process for policy updates related to river flow objectives
- Evaluated the status of a threatened fish species by gathering critical habitat data that informed model parameters and subsequent planning documents

[REDACTED] Council [REDACTED], CA

California [REDACTED] State Fellow

February 2018–November 2018

- Selected as one of twenty-one fellows statewide for twelve-month professional development program
- Improved stakeholder accountability by refining indicators used to track environmental and administrative changes that resulted from [REDACTED] Council policies
- Reviewed projects to determine their consistency and compliance with agency policies

[REDACTED] University Research Foundation [REDACTED], CA; [REDACTED], CA

Research Technician

August 2015–February 2018

- Oversaw and managed a field crew of five for a \$720k National Science Foundation grant
- Investigated the population dynamics of two sex-changing fish species through manipulative field experiments, ultimately improving fisheries management for species with this particular life history
- Developed methodology to quantify the reproductive output of nesting fish species

[REDACTED] Power [REDACTED], WA

Fisheries Technician

April 2013–August 2014

- Collected data to quantify the relationship between fish survivorship and dam passage; improved management of local fish population, resulting in increased fish survivorship on the Cowlitz River

EDUCATION

California State University, [REDACTED], CA

M.S., Marine Science - Ichthyology

2015–2019

- Thesis: "The effect of [REDACTED]"
- Discussed thesis findings during a presentation (November [REDACTED]) and poster session (November [REDACTED]) at the Western Society of Naturalists conference

University of Washington [REDACTED], WA

B.S., Biological Oceanography

2007–2012

- Senior thesis: "[REDACTED]"

ADDITIONAL

Skills/Certifications: Envision Sustainability Professional (ISI), CEQA/NEPA, Microsoft Office suite

Publications: [REDACTED]