



California Conservation Corps  
Watershed Stewards Program



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## WSP Corpsmember Position

(Fisheries and Restoration Technician)

Each year, WSP pairs Corpsmembers with environmental organizations throughout California to work alongside environmental professionals for a 10 ½ month service term. Corpsmembers serve under the guidance of WSP Mentors and assist with watershed data collection and analysis, and restoration project development and maintenance. Ultimately, Corpsmembers serve with WSP to help bring threatened and endangered salmonids back to healthy populations by improving watershed health.

WSP's diverse Placement Sites include federal, state, county, city, tribal, and non-profit agencies and organizations. Each Placement Site engages between one and four Corpsmembers in all the service activity areas, while each site's overall strategy, emphasis, effort, and timing of service activities vary.

### Watershed Recovery and Resiliency (72% of Corpsmembers' time)

Corpsmembers may assist in the coordination and implementation of projects including, but not limited to:

- **Field Data Collection** – habitat typing, spawner/redd surveys, snorkel surveys, sediment, e-fishing, amphibian, trawling, seining, screw trap monitoring, water quality, and vegetation surveys.
- **In-Channel Restoration** – installing large woody debris or off-channel ponds, removing fish barriers. Other in-channel activities include riparian fence installation, litter removal, and culvert improvements.
- **Invasive Removal** – removing non-native plant or aquatic species.
- **Riparian Restoration/ Revegetation** – planting/ propagating native plant species.
- **Stormwater Management** – install water catchment systems, sheet mulching, and bioswales.
- **Project Maintenance** – monitor for effectiveness, weed abatement and watering existing plants.



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- **Data Management** – DIDSON data review, data entry and analysis, literature review and research development, GIS mapping.

### **Education and Outreach (13% of Corpsmembers' time)**

Using WSP's Wonders of Watershed (WOW!) curriculum, Corpsmembers instruct 2nd - 5th grade students in watershed and salmonid science. The WOW! curriculum consists of five, 50–80-minute lessons. All Corpsmembers are trained by WSP staff in classroom management, lesson development, and WOW! program procedures.

Corpsmembers also deliver various outreach presentations and educational opportunities to students and community members via episodic classroom visits, environmental education fairs, field trips, or community service projects.

### **Volunteer Recruitment (10% of Corpsmembers' time)**

Each Corpsmember develops a Watershed Awareness Volunteer Event (WAVE) where they identify a local watershed need/partnering organization then plan and implement a small-scale restoration event of their choosing. Corpsmembers recruit, train, and manage at least 25 community volunteers and get the chance to plan a restoration event from start to finish, with WSP guidance and support. WAVEs provide the opportunity for Corpsmembers to take on a leadership role and educate community members about their local watersheds, all while improving watershed health.

### **Professional Development (5% of Corpsmembers' time)**

All Corpsmembers participate in both WSP sponsored and site-specific trainings which may vary slightly each year. Examples of WSP trainings include Wilderness First Aid/CPR, Swiftwater Training, and career coaching.