

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Senior Environmental Scientist (Specialist)		DWR POSITION NUMBER 4400-0765-008	SAP POSITION NUMBER 50050808	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO. TBD	DIVISION/SECTION Regional Assistance/NRO/Program Coordination	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: <input type="checkbox"/> Supervisory Related BU: <input type="checkbox"/> Confidential Related BU: <input checked="" type="checkbox"/> Rank and File BU: R10				
RESPONSIBILITIES EXERCISED <input type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) Michelle Dooley	SUPERVISOR'S CLASSIFICATION Supervising Engineering Geologist	
APPROVED BY (Personnel Analyst's Name) Ariel Stone			DATE 8/29/2025	
<i>Percent of Time</i>	<i>Activity</i>			
45%	<p>POSITION SUMMARY: Under the general direction of the Supervising Engineering Geologist in the Program Coordination Section of the Regional Planning Branch, Division of Regional Assistance, Northern Region Office, and the Climate Change Program Manager, the incumbent will act as a Department of Water Resources (DWR) Regional Climate Change Specialist (RCCS), providing expertise to analyze and evaluate climate change impacts to the State's water sector; developing strategies to adapt to these impacts under the Water Resilience Portfolio, California's Water Supply Strategy, the California Climate Adaptation Strategy, the Department's Climate Action Plan, the Climate Change Program Strategic Plan, the California Water Plan, and the Sustainable Groundwater Management Act (SGMA); providing technical assistance to Integrated Regional Water Management (IRWM) planning groups, and Groundwater Sustainability Agencies (GSAs), Tribes, and local water agencies to incorporate climate change into their planning and project planning efforts; and assisting with climate data management and reporting in coordination with other Department programs. In addition, the RCCS will advance and support the identification, design and implementation of climate change adaptation and mitigation programs and projects, and provide presentations, outreach and education on climate change and water resources.</p> <p>ESSENTIAL FUNCTIONS: This position requires the incumbent to work cooperatively with others; to maintain regular, consistent, and predictable attendance; to exercise sound judgment; and participate in a variety of meetings, including ongoing training and developmental opportunities, which may require driving on public roadways. The specific essential functions are:</p> <p>Advance adaptation planning for the Upper Feather River Watershed under DWR's Climate Action Plan to improve its resilience to climate change; provide technical support to the State Water Project on climate change impacts, and contribute to the assessment of vulnerabilities and strategies with the goal of restoring and protecting the Upper Feather River Watershed, including meadow restoration, forest fuels, and post-fire surface water quality protection; support the</p>			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) Michelle Dooley		SUPERVISOR'S SIGNATURE ➤		DATE
EMPLOYEE'S STATEMENT: I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.				
EMPLOYEE'S NAME (Print) Vacant		EMPLOYEE'S SIGNATURE ➤		DATE

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	development of adaptation planning guidance related to watershed health; assist in the development of shared guidance and tools for adaptation planning; assist local agencies, Tribes, IRWM and GSA planning groups with analysis required to consider climate change adaptation in the Upper Feather River; coordinate with others within the Department and other State and federal partners and local water agencies including IRWM, GSAs, Tribal and other groups to research, compile, and provide relevant information, data, and parameters for this analysis. Evaluate the technical portion of planning and project grant applications and IRWM plans related to regional climate change impact analysis and mitigation and adaptation strategies; provide input, at a level desired by local agencies, on the incorporation of climate change adaptation strategies into Groundwater Sustainability Plans (GSPs) prepared for compliance with the Sustainable Groundwater Management Act (SGMA).			
35%	Review reports, and give presentations to the public and various agencies related to the linkage between climate change and water management and on the importance of cross-sector integrated resources management to address the issue; coordinate these activities with other DWR programs, water agencies and associations, and federal, Tribal, State, and local officials; provide reporting updates for the implementation of California's Water Supply Strategy and the California Climate Adaptation Strategy; respond to public requests for climate information; provide regional assistance by participating on technical teams planning for impacts and preparing adaptation strategies for the North Coast, Sacramento River and North Lahontan Hydrologic Regions; assess the climate adaptation and mitigation implications of various management strategies under the Department's Climate Action Plan. This may require operating a vehicle on public roadways and/or waterways			
20%	Support DWR's data activity by collecting, reviewing, and archiving climate, hydrologic, and environmental data for use in the California Hydroclimate Report, various water resources models, the California Water Plan Update, and other reports, projects and planning activities; assist with the collaboration and sharing of climate data and analysis among local, regional, Tribal and state organizations; review and contribute to research reports, analyze observed climate trends, evaluate the anticipated effects of climate change on California rivers and waterways, and give presentations on these impacts; communicate and support science-based and Tribal Ecological Knowledge (TEK)/Traditional Indigenous Knowledge (TIK) adaptation planning for the Upper Feather River watershed and Northern Region.			
	All employees are expected to complete time recording documentation, administrative documents to support program purchases, contracts, travel, and meetings by the required deadlines. This documentation should be of such clarity and completeness that it provides the department and program with defensible information in an audit.			
	SPECIAL REQUIREMENTS: Must possess a valid California driver's license to drive a personal, rental, or State vehicle to meetings, conferences, trainings or project sites.			

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	<p>PHYSICAL REQUIREMENTS:</p> <ul style="list-style-type: none">- Field work requires strenuous physically activities, including:<ul style="list-style-type: none">☐ Overnight lodging on short notice, for several consecutive days at a time, traveling to facilities or field locations by vehicle, boat, or other means of transportation.- Travel independently to remote areas.- Flexibility for working irregular hours, including weekends and holidays.- Operating a pickup truck or other vehicle off-road on rugged or uneven terrain to and from sites, including possible transportation of trailer-based equipment.- Proficiency in handling and launching boats, with the capability to attach and operate an outboard motor.- Ability to traverse and transport equipment (up to 50lbs) over steep, remote, and rugged terrain to access sites, including areas without established roads, to reach remote work sites.- Swimming or staying afloat.- Working in and around swift and deep flowing waterways.- Remaining stable while wading in and crossing streams while moving heavy objects.- Capacity to endure field work for extended hours under a variety of extreme weather conditions.- Ability to work in densely vegetated areas, with the potential for encountering pests and wildlife.- Work with tools, concrete, steel, and wood. <p>ABILITIES:</p> <p>This position requires the ability to:</p> <ul style="list-style-type: none">- Utilize a variety of software, including Microsoft Office.- Sit for long periods of time.- Strong word processing and report preparation skills.- Be detail oriented.- Work independently and maintain effective communication with all levels of staff, both verbally and written form.- Perform multiple tasks with precision, accuracy, and a commitment to neatness. <p>OTHER RESPONSIBILITIES:</p> <p>This position provides necessary support to the Divisions of Flood Management, Safety of Dams, Operations and Maintenance, Engineering, and/or the Public Affairs Office during Governor declared emergencies, flood, dam, SWP, and other incidents and emergencies. Additionally, this position may participate in emergency operations in the capacity of area teams, field inspection, coordination, and assist agencies such as Cal OES and FEMA in disaster work, including performing fieldwork to complete damage survey reports for droughts, flooding, earthquakes, and other emergencies. This position may also serve in one of the sections as established in the Incident Command System to assist the Department in performing its emergency preparedness, response, recovery, and mitigation functions. These functions are established in the California State Emergency Plan and the Department's Administrative Orders.</p>			

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		<p>DIVERSITY, EQUITY AND INCLUSION:</p> <p>All employees are responsible for contributing to an inclusive, safe, and secure work environment that values diverse cultures, perspectives, and experiences, and is free from discrimination.</p> <p>The Department of Water Resources (DWR) is committed to its mission and employees, and we are grounded in our commitment to public safety. Regular and consistent attendance is essential to the successful performance in this position.</p>					