JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION			DWR POSITION NUMBER		SAP POSITION NUMBER MCR		MCR	
Student Assistant (Engineering & Architectural)			1491-4871-900		50066535		1	
APPOINTEE			SAP PERSONNEL NO. DIVISION/SECTION		CTION	·		
Vacant			TBD	DFO/Risk A	ssessmen	t and Mapping Sec	tion	
	GAINING IDENTIFIER nent Related BU: Sur	pervisory Relate	ed BU: Cor	nfidential Relate	ed BU:	Rank and	File BU:	
		,				✓ R11		
RESPONSIBILITIES EXERCISED IMMEDIA			SUPERVISOR (Print) SUPERVISOR		SUPERVISOR'S	PR'S CLASSIFICATION		
☐ Supervisory ☐ Lead Person MD Had			Supervis			ing Engineer, Water Resources		
APPROVED BY (Pe]	DATE						
Kimberly Balbu	ena		8/27/25					
Percent of Time			Activity	,				
	Under the general direct the Student Assistant (E hydrologic and hydrauli and Mapping Section (R modeling activities state Research and Developm development and applic support of the RAMS sp. ESSENTIAL FUNCTIONS This position requires the professional manner; be work schedule. Good in Office applications of mathematical application	Engineering cs (H&H), a AMS) speciewide. The nent, data coation, and vecial projects.	and Architectural nd geomorphic an ial studies, alluvial incumbent will als ollection, artificial web-based informa- ets and risk mappi nt to work coopera nted; exercise goo and communicati , Excel, and Power	Sciences) I fan specia I fan s	will assist responding study are technology of the study are technology of the study are essential quired. Kinnessential contents and the study of t	t with watershed ag to the Risk Assad other mapping mical work on Scilications, H&H magement applications. a courteous and able to keep a regal. Experience with nowledge in com	based sessment and sientific odel sion in sular th MS puter	
	applications of mathema software (ARCGIS, QGIS Experience working in a desirable. The specific of	S, SMS etc.) diverse tea	and programming am environment in	g such as M an academ	IATLAB, F	R, Python etc. is o	desirable.	
40%	Perform basic engineeri geomorphic data to eval flash flood, mud and del and application of flood software for streamflow within the State. Perfore subject matter experts (luate chann bris flow ris models util and floodp m basic eng SME) to pos	els and streams flook assessments. Folizing ARCGIS, HE lain analyses for high process and visusters.	ow capaciterephigh-flood righ flood riassist sectionalize, flood	ies in wat oodric, H8 C-RAS an isk areas ion manag d modelin	ersheds/alluvial factoring the control of the contr	fans for elopment g lley and deling	
SUPERVISOR'	S STATEMENT: I HAVE	E DISCUSSEI	D THE DUTIES OF T	HE POSITIO	N WITH TH	E EMPLOYEE.		
SUPERVISOR'S NAME (Print)			JPERVISOR'S SIGNATURE			DATE		
MD Haque								
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 NAM	E (Print)	EMP	PLOYEE'S SIGNATURE			DATE		

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JOB DESCRIPTION AND POSITION CLASSIFICATION

	CLASSIFICATION		R SA	AP POSITION NUMBER	MCR					
Student Assistant (Engineering & Architectural)		DWR POSITION NUMBER 1491-4871-900		50066535	1					
APPOINTEE		SAP PERSONNEL NO. DIVISION/SE								
Vacant		TBD	DFO/Risk Assessment and Mapping Secti		Section					
Percent of Time	Activity									
	preparation of plots, charts, statistics, maps, and animations for developing technical study findings and technical documents.									
20%	Perform assignments to support the section's special projects and technical studies including alluvial fan special risk assessment studies, central valley flood protection plan technical work, stream assessment studies, and hazard identification studies and mapping. Tasks include assisting engineers and SMEs for literature search and review utilizing contemporary study reports, publications in scientific and engineering journal articles and state and federal Agency document libraries and repositories. Prepare summaries of the research in support of special technical study projects.									
20%	Assist special engineering project lead, unit and section managers in project and program management tasks including setting up coordination meetings, agenda and meeting material preparation and distribution, developing and tracking decision logs, organizing, cataloging, and archiving correspondence with the Federal Emergency Management Agency (FEMA), the U.S. Army Corps of Engineers, the Governor's Office of Emergency Services (CalOES), and other internal and external partners and collaborating agencies on engineering studies. Assist section manager in organizing, cataloging, and archiving project data, deliverables and lessons learned.									
10%	Assist the section manager and special project lead for Architectural and Engineering task order invoice reviews, service invoice reviews and reporting, preparing, and populating section budget planning and tracking spreadsheets and tools as directed.									
10%	Assist engineers to collect watershed field data in coordination with Division of Engineering, Modeling Support Office, local agencies, United States Geological Survey, California Geological Survey and other State, federal, and local partners. Assist in creating and tracking an inventory of The Department of Water Resources (DWR) flood risk analyses and mapping projects, flood data, and information to support statewide risk assessment discovery process.									
	SPECIAL REQUIREMENTS									
	The Department of Water Resources is committed to its mission and employees, and we are grounded in our commitment to public safety. Regular, consistent, and predictable attendance is essential to the successful performance in this position.									

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