



SCIENTISTS IN PARKS

POSITION DESCRIPTION WINTER 2021

NPS UNIT: NPS PARK FACILITY MANAGEMENT DIVISION	PD #: 2021437
<p>Position Title: GIS Assistant Number of positions available: 1 Primary natural resource discipline: Physical Sciences Position keywords: Climate Change, Facilities, GIS, Natural Resources, geospatial Location: Lakewood, Colorado Can this position be fully remote: Yes</p>	
COVID-19 NOTICE	
<p>As the COVID-19 pandemic continues to change and evolve, project timelines and structure remain flexible and it may be necessary to postpone start dates, begin work remotely, or reformulate the project’s description. Should any development in the COVID-19 outbreak impair a project’s timeline or results, the SIP Team will work with the park and project mentors to assess the situation and determine the best course of action at that time.</p>	
POSITION DESCRIPTION AND WORK PRODUCTS	
<p>Position Description: Provide an assessment of Facility Management Software System (FMSS) asset location information and relative natural resource hazards to ensure NPS information is correct and up to date. Incumbent will update geospatial information to established standards and provide metadata to identify source/accuracy. This information will be used to evaluate potential effects of climate change and natural hazards on NPS facilities and help ensure investments include accurate information for adaptation and resiliency.</p> <p>This position will address the need to align climate change and natural resource hazards with facilities and assets managed by the NPS across the country. Natural resource hazards include flooding/floodplain identification, unstable slope/landslides, sea level rise and storm surge, and wildfire. Water supply locations and delivery infrastructure status are needed to help ensure protection of water resources and water security for parks. Billions of dollars are currently being invested in NPS facilities and the incumbent will help identify information that protects those investments and national park resources.</p> <p>This position is offered through the National Park Service's Scientists in Parks (SIP) Program in partnership with Stewards Individual Placement Program (Stewards) and The Geological Society of America (GSA).</p> <p>Work Products: Evaluate and update location information for NPS facilities and associated natural resource information. Identify assets for which information is not available in order to help prioritize collection of those data. Update natural resource descriptions and location information for potential natural hazards. Identify sources for needed information and update location data using currently available or park-collected asset locations (x, y, z coordinates). Identify and cross-reference climate change and natural hazard information for asset locations, e.g. FEMA and USGS flood mapping, Sea Level Rise and Coastal inundation, unstable slope/landslides/avalanche, and others. Coordinate information collected from subject matter experts for consideration in updating the FMSS for NPS facility management.</p>	

QUALIFICATIONS	
GIS and geospatial coursework and experience, ability to work with large databases, attention to detail, familiar with natural resource hazards and agencies focused on developing information related to hazards like climate change, flooding, landslides, and wildfire.	
The applicant must be a U.S. citizen or U.S. permanent legal resident (“green-card-holder”) between the ages of 18 and 30 years old, inclusive, or veterans up to age 35. Prior to starting this position, a government security background clearance will be required.	
VEHICLE AND DRIVER LICENSE REQUIREMENTS	
Applicant will not need to drive a government vehicle.	
A personal vehicle is NOT required for this position.	
If the SIP is required to drive a park vehicle for their position, Stewards will perform a driving records search, and the SIP’s ability to drive a park vehicle during work hours will be contingent upon the results. SIPs will have to have had their license for 3 years or be over the age of 21 to be insured as drivers under Stewards insurance policy. Examples of things that will preclude a SIP from driving a park vehicle include: SIP under the age of 21 years old that has been licensed less than three years, DUIs, multiple moving vehicle violations, suspended or revoked license, or three or more accidents (regardless of fault) in the last 3 years. If the driver’s search is favorable, Stewards will provide driver’s liability insurance while the intern is driving a NPS vehicle for their SIP position. If the SIP is denied coverage by Stewards, they will not be permitted to drive during work hours.	
HOUSING	
Park housing is NOT available. The intern will be responsible for finding housing in the nearby area. No housing available. Incumbent will work from home.	
NATURAL AND PHYSICAL WORK ENVIRONMENT	
Base office is in Lakewood CO in the Denver Metro area. Incumbent will work from home.	
INTERNSHIP DATES	
Start Date: 10/1/2021	
Number of Weeks: 52	
Flexible Start Date: Yes	
LIVING ALLOWANCE	
52 Weeks (\$525/week = \$27,300)	
RELOCATION ALLOWANCE	
\$350 (Mainland Only)	
AMERICORPS PROGRAM	
	<p>AmeriCorps is a program that engages individuals in intensive community service work with the goal of “helping others and meeting critical needs in the community”. The SIP Program is supported through AmeriCorps by providing a Segal Education Award in addition to the SIP’s living stipend and relocation allowance.</p>
<p>AmeriCorps</p> <p>Upon successful completion of the SIP position, the SIPs (AmeriCorps members) are eligible for a \$1,678 - \$6,345 pre-tax education award that can be used for paying back student loans or for continuing their education. The amount of the education award is based on the length of the position.</p> <p>AmeriCorps limits the number of terms an individual can serve to 4 terms. If an applicant has previously completed 4 SIP or other AmeriCorps positions, they will not be eligible to apply for an additional SIP position.</p>	
SUPERVISORS/MENTORS	
Primary:	Secondary:

<p>Dan Lemay Facility Management System Specialist Dan_Lemay@nps.gov</p>	<p>Andy Duff Geospatial Data Architect Andrew_Duff@nps.gov</p>
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