



# POSITION DESCRIPTION

## Winter 2023

**NPS UNIT: Inventory and Monitoring Division** **Position #: 1258**

**Position Title:** Ecology Assistant  
**Number of positions available:** 1  
**Primary natural resource discipline:** Biological Sciences  
**Position Keywords:** Vegetation monitoring, statistical analysis, data visualization, R coding  
**Location:** Atlanta , Georgia  
**Can this position be fully remote:** Yes

### POSITION DESCRIPTION AND WORK PRODUCTS

**Project Description:** Provide technical assistance to the National Park Service’s Inventory and Monitoring Division, with a focus on analyzing forest and vegetation monitoring data and developing data reporting tools for park managers. Duties will include synthesizing and evaluating large volumes of complex vegetation data collected across multiple I&M networks, conducting status and trends analyses, preparing summary reports of key monitoring insights for park managers, and assisting with the components of a user-friendly data dashboards and other automated data reporting tools. The SIP intern will work closely with quantitative ecologists, data managers, and ecologists on all aspects of project implementation.

**Work Products:** The deliverables for the internship would be: 1. a rigorous statistical analysis of trends, patterns, and relationships in the forest and vegetation monitoring data for three Southeast region I&M networks; 2. network-specific summary reports of findings from data exploration and analyses.

### NATURAL & PHYSICAL WORK ENVIRONMENT

Remote work only

### QUALIFICATIONS

Candidates must have a strong statistical background (e.g., prior work with generalized linear mixed models and occupancy models) and experience using R or Python to manage and analyze large data sets. Candidates must demonstrate good oral and written communication skills. A background in natural resources--especially in the areas of botany or vegetation monitoring--would be helpful but is not required. Prior experience creating data dashboards is preferred, but not required.

The applicant must be a U.S. citizen or U.S. permanent legal resident (“green-card-holder”). 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.



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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. Remote work only

## INTERNSHIP DATES

**Start Date:** 10/31/2022

**Number of Weeks:** 52

**Flexible Start Date:** Yes

## LIVING ALLOWANCE

52 Weeks (\$580.00/week =\$30160.00)

## RELOCATION ALLOWANCE

350.00

## AMERICORPS PROGRAM



# AmeriCorps

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.

Upon successful completion of the SIP position, the SIPs (AmeriCorps members) are eligible for a \$1,638 - \$6,195 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.

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.

## Partners

This position is offered through the National Park Service's Scientists in Parks (SIP) Program in partnership with various organizations.





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