



**Idaho Conservation Corps – AmeriCorps 450 hour
Craters of the Moon National Park
Natural Resource Management Crewmember**



Position Summary:

Summer 2019 - The National Parks Service is currently recruiting two interns that will support the Natural Resource Management Program. The selected interns will assist with management of natural resources at Craters of the Moon National Park. Majority of the work (80%) will be assisting the vegetation program that will include exotic plant management.

Background:

The geologic landscape, wildlife, and vegetation at CRMO are unique resources that visitors come to enjoy every year. The resource management team deals with a variety of tasks from wildlife to vegetation monitoring. Interns will be get the opportunity to assist with most tasks the entire program runs but the main task will be assisting the vegetation program particularly in exotic plant management.

Left unmanaged, exotic invasive plants threaten to degrade habitat both for wildlife and native plant communities and unfavorably alter views that park visitors come to enjoy. Controlling the spread of exotic plants into wilderness areas and high visitor use areas is imperative to both maintaining critical habitat and the unique opportunities for viewing landscapes and wildlife that will benefit visitors and enhance their experience at Craters of the Moon.

Battling invasive plants is a continual process. The mechanism for exotic vegetation establishment includes invasion through wind dispersal or transportation by animals, humans, and vehicles; generally some disturbance to the native environment has occurred that allows the exotics to become established. Once established, the cycle continues and exotic vegetation continues to spread, with some species now also spreading vegetatively. Most invasive species succeed in their non-native environment as natural controls that keep them in check are lacking. Weed management is the technique to reduce or eliminate invasions; tools include chemical, mechanical, and manual techniques, all of which require labor to accomplish.

Duties and Responsibilities:

General Resource Management (20%)

- *Work in a team and with park staff to aid in all resource management activities at Craters of the Moon National Monument and Preserve;*
 - *Assist with wildlife surveys*
 - *Weekly air quality monitoring*
 - *Preparing information on resource activities to co-workers and the public.*

Vegetation Management (80%)

- *Work in a team and with park staff to treat invasive plants at Craters of the Moon National Monument and Preserve;*
 - *Survey, identify, map exotic vegetation*
 - *Treat exotic vegetation through hand-pulling, cutting, or herbicide application*
 - *Document treatments and update files and GIS layers*
 - *Maintain equipment*
 - *If interested, will be able to study and test for the Idaho Pesticide Applicator's License*
- *Work in a team to survey native vegetation*
 - *Survey, identify, map native vegetation*
 - *Document and update files*
- *Other duties*
 - *Preparing information (print and/or oral) for sharing with public about invasives*

Approximately 10-15 nights will be spent camping.

Required Qualifications:

- Ability to work outdoors in remote settings and inclement weather on uneven ground
- Willingness to work independently in an outdoor setting
- Ability to lift and carry up to 50 lbs
- Experience reading maps and attention to detail
- Good written and verbal communication skills and a positive attitude
- Current Driver's license
- Willingness to submit to a government background survey

Desired Qualifications:

- Knowledge of Northwest natural resources and plants
- Coursework in biology or botany and strong interest in conservation
- Previous experience using GPS units
- Experience with basic land navigation equipment and/or methods

Duty location:

Craters of the Moon National Park - Arco, Idaho

Park Housing:

Shared housing will be provided as part of the internship at no cost to the interns.

Term of Service:

Start June 10, 2019 – August 30, 2019 (12 weeks)

Program Benefits:

A total living allowance of \$6,525.00 divided on a monthly basis, and a \$1,566.14 education award upon completion of the 450 hours of service. The living allowance and education award are taxable. Members are responsible for providing their own food. Service eligibility is contingent upon the results of a criminal and driving background check.

The member will not engage in any prohibited activities as stated in the Member Service Agreement.