

Opportunity Title: Ecosystem Impacts of Invasive Plant Species

Opportunity Reference Code: 0038-NPP-NOV23-ARC-EarthSci

Organization National Aeronautics and Space Administration (NASA)

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Application Deadline 11/1/2023 6:00:59 PM Eastern Time Zone

Description Exotic invasive plants are responsible for a myriad of ecosystem perturbations throughout the world (aquatic and terrestrial). Their impacts modify communities across landscapes, watersheds and waterways. The goal of this project is to develop a mechanistic understanding of the competitive advantage exhibited by invasive species over native species and to utilize this knowledge in predictive ecosystem models. An important area of study is climate change and potential altered growth of native and invasive species. Research is focused on invasive species of the western US already impacting ecosystems and leading to major alteration in fire risk, hydrology, wildlife habitat, agriculture and ecosystem services.

Location:

Ames Research Center
Moffet Field, California

Field of Science:Earth Science

Advisors:

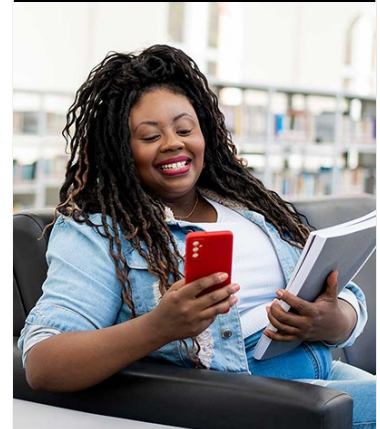
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Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States. A complete list of Designated Countries can be found at: <https://www.nasa.gov/oiir/export-control>.

Eligibility is currently open to:

- U.S. Citizens;
- U.S. Lawful Permanent Residents (LPR);
- Foreign Nationals eligible for an Exchange Visitor J-1 visa status; and,
- Applicants for LPR, asylees, or refugees in the U.S. at the time of application with 1) a valid EAD card and 2) I-485 or I-589 forms in pending status

Eligibility Requirements • **Degree:** Doctoral Degree.



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