National Aeronautics and
Space Administration

DEVELOP
FOR ACTIVE DUTY

NASA's Applied Sciences' Capacity Building
DEVELOP National Program

Personal & professional development

Leadership experience with a reputable civilian organization

Experience on an interdisciplinary project team with real-world impact

What is DEVELOP?

DEVELOP addresses environmental and public policy issues through interdisciplinary research projects that apply the lens of NASA Earth observations to community concerns around the globe. Bridging the gap between NASA Earth science and society, DEVELOP builds capacity in both participants and partner organizations to better prepare them to address the challenges that face our society and future generations.

DEVELOP provides the opportunity for service members to integrate with civilians on applied research project teams. These teams partner with decision makers to conduct rapid feasibility projects that highlight relevant applications of Earth observing missions, cultivate advanced skills, and increase understanding of NASA Earth science data and technology.

About Projects

DEVELOP projects apply Earth observations and remote-sensing technology to application areas that highlight NASA Earth observation capabilities relative to environmental issues for enhanced policy and decision making. These areas include:

- Health & Air Quality
- Disasters
- Water Resources
- Energy
- Transportation & Infrastructure
- Urban Development
- Ecological Forecasting
- Agriculture & Food Security

How to Apply

Service members must have an interest in Earth science and obtain permission from their Non-Commisioned Officer in Charge. Applicants must have a minimum 3.0 GPA on a 4.0 scale at their current or last institution of higher learning and transportation to and from the DEVELOP location. Interested applicants should email DEVELOP directly at **NASA-DL-DEVELOP@mail.nasa.gov** to obtain an application.

Have Questions?

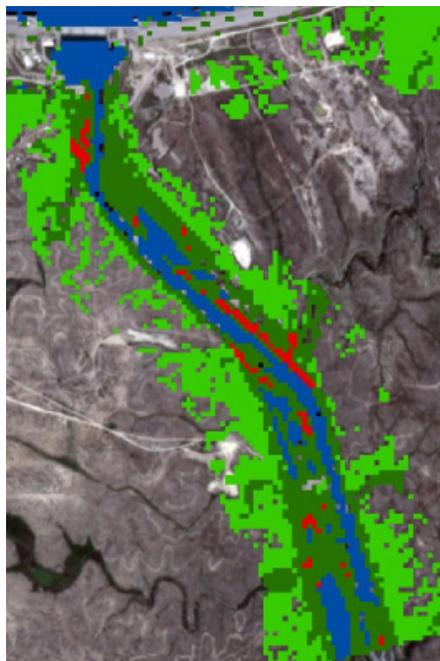Please contact us with any questions about the program at NASA-DL-DEVELOP@mail.nasa.gov.
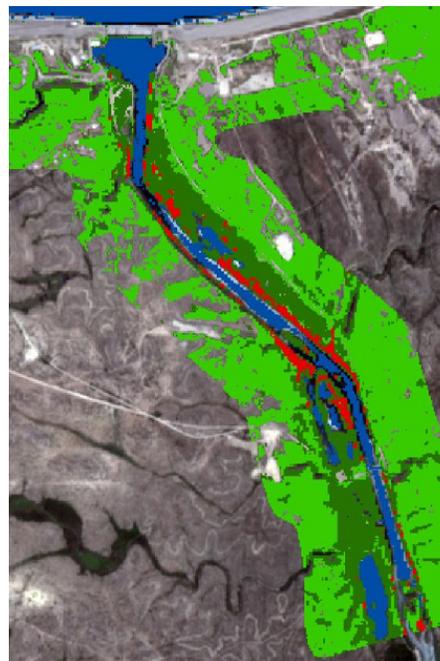
DEVELOP
SCIENCE SERVING SOCIETY

Project Example
Amistad Ecological Forecasting

Giant cane (*Arundo donax*) is a non-native and disruptive grass species that occupies valuable riparian habitat and crowds out native riparian species within Amistad National Recreation Area, TX. To address the National Park Service's requirement for accurate and up-to-date information on the distribution and prevalence of giant cane, this project applied NASA satellite data to generate historic and current vegetation distribution maps of the invasive grass within the Amistad National Recreation Area to support effective plan management and eradication efforts.

1996   2018

"The distribution data we are going to get from this project will really help us prioritize the treatment of giant cane. We literally have hundreds of miles of shoreline to manage with all different levels of infestation of cane and a lot of our areas are very remote and difficult to access."

--- Sarah Howard, National Park Service

Upland Vegetation
Riparian Vegetation
Water
Giant Cane

CURRENT ▶
LOCATIONS

Interested? Apply to participate at one of the DEVELOP locations. For more information on eligibility and a full list of locations, visit us online at https://develop.larc.nasa.gov.