DEVELOP YOUR CAREER

Learn More at Information Session:
Wednesday, January 29th 5-6pm
Steidle 114, Pizza Provided

National Aeronautics and Space Administration

with NASA's Earth Action Capacity Building
DEVELOP National Program

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.

Teams of DEVELOP participants 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.

PARTICIPANT OPPORTUNITIES

Both In-Person & Virtual Opportunities:

- Conduct a 10-week feasibility study with guidance of DEVELOP Advisors
- Learn to apply Earth observation and geospatial data
- Close daily collaboration with team members
- Engagement with a decision-making partner organization
- Creation of a set of deliverables that communicate the project's methods and results
- Professional development opportunities & building of "soft" skills

Additional In-Person Opportunities:

- In-person tours, field trips, and meetings
- Access to a variety of onsite resources
- Enhanced team building and networking opportunities

Additional Virtual Opportunities:

- Ability to participate when you are not geographically near a DEVELOP location
- Increased flexibility in the virtual environment (ex. no commute)

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:

- AGRICULTURE
- ENERGY & INFRASTRUCTURE
- WILDLAND FIRES
- ECOLOGICAL CONSERVATION
- DISASTERS
- CLIMATE
- WATER RESOURCES
- HEALTH & AIR QUALITY
- URBAN DEVELOPMENT

Common Majors

- Geography
- Environmental Science
- Computer Science
- Remote Sensing
- GIS
- Biology
- Engineering
- Chemistry
- Meteorology
- Physics
- Accounting
- Economics
- Mathematics
- Public Policy
- Communications

Note: open to all majors!

Common Software & Programming Languages

- ESRI ArcGIS
- ERDAS IMAGINE
- ENVI/ IDL
- Python
- MATLAB
- R
- Microsoft Office Suite
- Google Earth Engine

DEVELOP YOUR CAREER

Learn More at Information Session:
Wednesday, January 29th 5-6pm
Steidle 114, Pizza Provided

National Aeronautics and Space Administration

AGRICULTURE | ENERGY & INFRASTRUCTURE | DISASTERS | CLIMATE | WATER RESOURCES
WILDLAND FIRES | ECOLOGICAL CONSERVATION | HEALTH & AIR QUALITY | URBAN DEVELOPMENT

Summer 2025 Project List

Detailed Project Descriptions

Marshall Space Flight Center (Huntsville, AL)

- Michoacan Ecological Conservation (In-Person)
- Coosa River Water Resources (In-Person)
- Clarksville Health & Air Quality (Virtual)

Ames Research Center (Moffett Field, CA)

- Florida Keys Ecological Conservation II (In-Person)
- Sonoma Coast Climate (In-Person)
- Project TBD (Virtual)

Jet Propulsion Laboratory (Pasadena, CA)

- Los Angeles County Ecological Conservation (In-Person)
- Project TBD (In-Person)
- Montana Wildland Fires (Virtual)

Idaho State University GIS TReC (Pocatello, ID)

- Northern Minnesota Ecological Conservation (In-Person)
- Treasure Valley Health & Air Quality (Virtual)

Boston University (Boston, MA)

- Inland Lakes Water Resources (In-Person)
- New Hampshire Health & Air Quality (Virtual)

Langley Research Center (Hampton, VA)

- Andes Wildland Fires (In-Person)
- Oakland Park Health & Air Quality (In-Person)
- Project TBD (Virtual)

Goddard Space Flight Center (Greenbelt, MD)

- Sonoran Desert Ecological Conservation (In-Person)
- Wilmington Energy Resources (In-Person)
- Project TBD (Virtual)

University of Georgia (Athens, GA)

- Coastal South Carolina Water Resources II (In-Person)
- Zimbabwe Ecological Conservation II (Virtual)

Colorado State University NREL (Fort Collins, CO)

- Park County Ecological Conservation (In-Person)
- Project TBD (Virtual)

NOAA NCEI (Asheville, NC)

- New Jersey Pinelands Water Resources (In-Person)
- Kiowa Water Resources (Virtual)

Langley Research Center Space Weather

- Denali & Glacier Space Weather II
- Brazil Space Weather II

University of Michigan (Ann Arbor, MI)

- Great Lakes Ecological Conservation (In-Person)

Northern Arizona University (Flagstaff, AZ)

- Project TBD (In-Person)

Texas Tech University (Lubbock, TX)

- Costa Rica Agriculture (In-Person)

Hunter College CUNY (New York, NY)

- Central Park Ecological Conservation II (In-Person)

DEVELOP YOUR CAREER

Learn More at Information Session:
Wednesday, January 29th 5-6pm
Steidle 114, Pizza Provided

National Aeronautics and Space Administration

HOW TO APPLY

Anyone 18 and over, who is interested in pursuing experience in the Earth sciences and remote sensing, is welcome to apply. This includes currently enrolled students, recent college graduates, early and transitioning career professionals, and current and former U.S. Military service members. Applicants must have a minimum 3.0 GPA on a 4.0 scale at their current or last institution of higher learning.

Apply online at https://appliedsciences.nasa.gov/nasadevelop.

TERM & DATES	APPLICATION WINDOW	RECOMMENDATIONS DUE	NOTIFICATION TIMELINE
Summer 2025 June 2– Aug 8, 2025	Jan 13 – Feb 21, 2025	Mar 7, 2025	April – May 2025
Fall 2025 Sept 15 – Nov 21, 2025	May 5 – June 13, 2025	June 27, 2025	Aug 2025