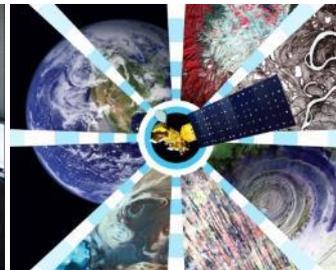


# DEVELOP National Program



## Science Serving Society



# What is DEVELOP?

*Uniting NASA Earth observations with society to foster future innovation and cultivate the professionals of tomorrow by addressing diverse environmental issues today.*



NASA Applied Sciences'  
DEVELOP National Program



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 handle the challenges that face our society and future generations.

# DEVELOP National Program

## Participants

- **Age 18 and older:** Currently enrolled college students, recent graduates, and early/transitioning career professionals
- **Interdisciplinary backgrounds** (different education, skills, experience level, interests, and age)
- **Competitively selected** through a application and interview process
- Engage **350 participants per year**



## Projects

- Conducted by **research teams of 3-6 participants within a rapid 10-week period, 3 times per year.**
- **Science advisors and mentors** from NASA and partner organizations
- Conduct **70-80 projects per year**
- Address **community concerns** relating to environmental issues
- **Collaborate with local, state, regional, federal and/or international organizations** who can benefit from using NASA EOS to **enhance decision making**
- Focus on the **utilization of NASA Earth Observations**
- **All projects culminate in a set of deliverables** (technical report, poster, presentation, video, etc.)

# Dual Capacity Building

## Participants

*Young Professionals, Students & Transitioning Professionals*

### Scientific/Professional Development:

- Experience using NASA Earth observations
- GIS and Remote Sensing
- Working in a group environment
- Management and leadership skills

### Personal Development:

- Presentation and communication skills
- Personality typing and working with diverse groups

### Professional Networking:

- NASA scientists and managers
- Partner organizations
- Peers – teams, center, and national

## End-User Organizations

*Local, State, Regional, Federal, Academic, International, and NGOs*

- Introduction to new methods to augment current practices: cost-saving & time-saving
- Enhanced decision support through use of NASA EOS
- Increased exposure to NASA Earth Science technologies and capabilities
- Introduction to NASA's Applied Sciences Program and its contributions to society.
- Opportunities for networking with the NASA community



# Current DEVELOP Locations



## 13 Active Locations: 6 NASA Centers, 7 Regional

**Ames Research Center**  
Moffett Field, CA

**Langley Research Center**  
Hampton, VA

**Wise County Clerk of  
Court's Office**  
Wise, VA

**Mobile County Health  
Department**  
Mobile, AL

**Jet Propulsion Laboratory**  
Pasadena, CA

**Marshall Space Flight  
Center**  
Huntsville, AL

**International Research  
Institute (IRI)**  
Palisades, NY

**USGS North Central  
Climate Science Center**  
Fort Collins, CO

**Goddard Space Flight  
Center**  
Greenbelt, MD

**Stennis Space Center**  
Stennis, MS

**Patrick Henry Building**  
Richmond, VA

**University of Georgia**  
Athens, GA

**NOAA National Climatic  
Data Center**  
Asheville, NC

# NASA Applied Sciences' Program

- DEVELOP is organized under the NASA Applied Sciences', Capacity Building Program.
- All DEVELOP projects align with at least one of the nine NASA Applied Sciences Program's Application Areas.
- To learn more about the NASA Applied Sciences' Program, please visit their website below.

## NASA Applied Sciences' Nine Applications Areas



# DEVELOP National Program



<http://develop.larc.nasa.gov>

