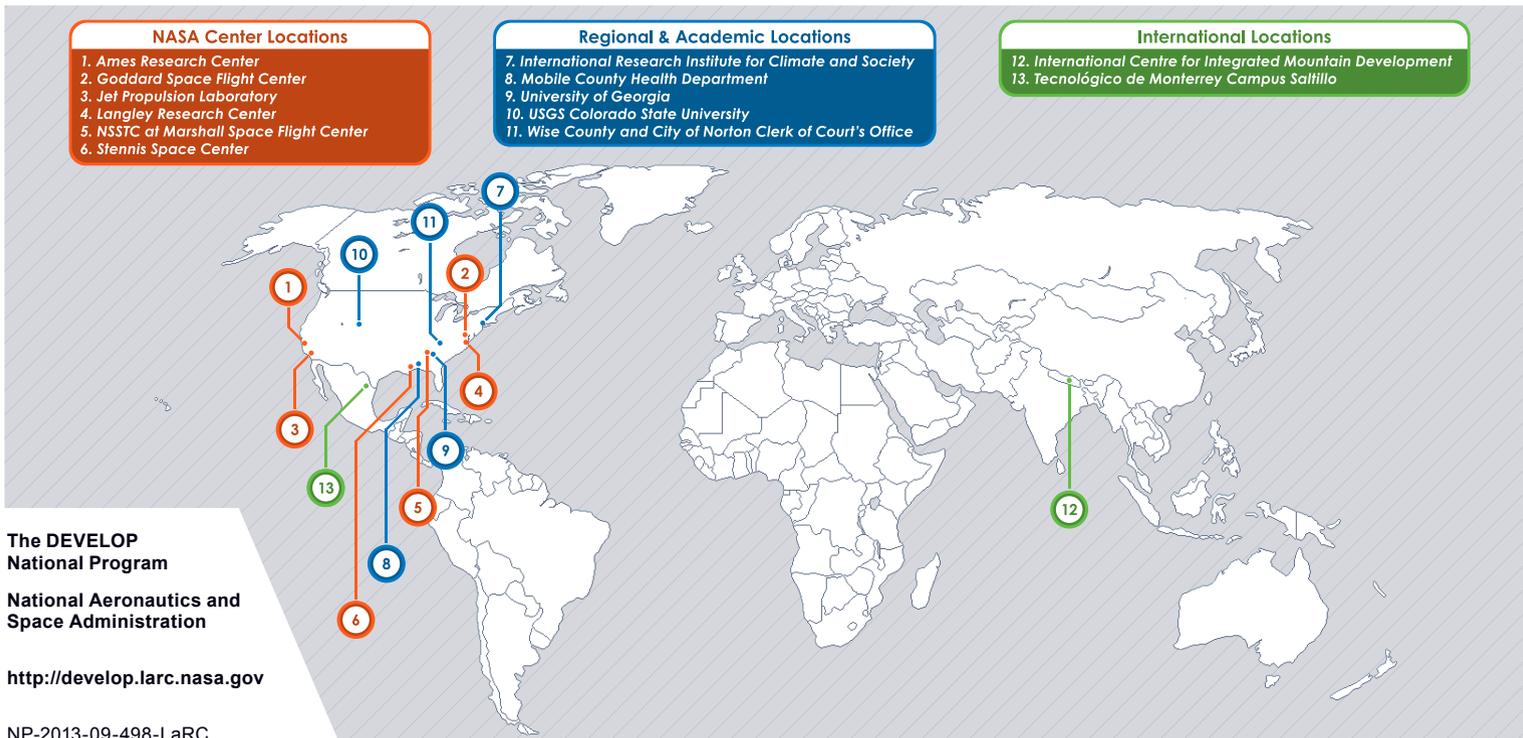


Dream. Discover. DEVELOP.

National Aeronautics and Space Administration



The DEVELOP National Program
National Aeronautics and Space Administration
<http://develop.larc.nasa.gov>

NP-2013-09-498-LaRC



www.nasa.gov

About DEVELOP

DEVELOP addresses environmental management and public policy issues through interdisciplinary research projects that apply the lens of NASA Earth observations to community concerns around the globe. Part of NASA's Applied Sciences' Capacity Building Program, DEVELOP bridges the gap between NASA Earth science and society, building capacity in both participants and partner organizations to better prepare them to handle the challenges that face our society and future generations.



Teams of DEVELOP participants partner with decision makers to conduct rapid feasibility projects that highlight fresh applications of NASA's suite of Earth observing sensors, cultivate advanced skills, and increase understanding of NASA Earth science data and technology. These teams analyze societal and scientific dilemmas and discover ways in which prediction, monitoring, or mitigation of these issues can be enhanced through the application of NASA Earth observations. Local involvement is fostered by working closely with community partners directly associated with project study areas and establishing dual-capacity relationships and rapport.

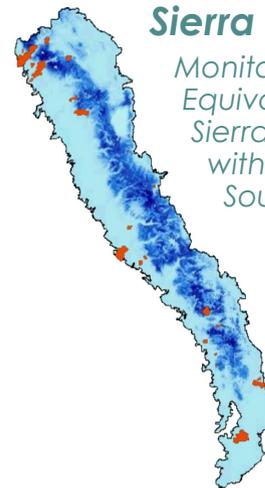
DEVELOP Projects

Project Application Areas:

Agriculture › Climate › Disasters › Ecological Forecasting › Energy
Health & Air Quality › Oceans › Water Resources › Weather

Sierra Nevada Water Resources

Monitoring Impacts of Snow Water Equivalent on Forest Disturbance in the Sierra Nevada Mountains in Partnership with the USDA Forest Service Pacific Southwest Region

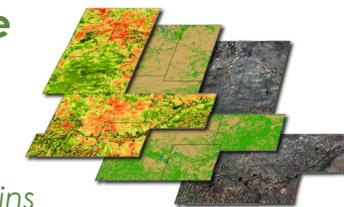


To see videos for each of these example projects, scan the QR codes. To learn more about other DEVELOP projects or the program itself, visit:

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

Great Plains Agriculture

Partnering with the USDA ARS RRRU to Monitor Rangelands and Changing Precipitation Regimes for Enhanced Range Management in the Great Plains



DEVELOP conducts approximately 80 projects each year. These feasibility projects apply data from NASA's suite of Earth observing satellites and airborne missions to real-world issues, enhancing partner organization decision making processes. During 10-week terms, three times each year, DEVELOP conducts a spectrum of projects under NASA and partner guidance that align with NASA's Applied Sciences Program's application areas of national priority. DEVELOP teams collaborate with partner organizations to tailor applications and products to support their decision making process and the integration of NASA Earth observations.