How can Earth observations be applied to the National Park Service?

- **EAST IDAHO DISASTERS**
  - Wildlife Habitat Suitability

- **ROCKY MOUNTAINS AGRICULTURE**
  - Invasive Plant Distribution

- **NORTHERN GREAT PLAINS ECOFORECASTING**
  - Forest Disturbances

- **APPALACHIAN TRAIL HEALTH AND AIR QUALITY**
  - Monitoring Air Pollutants

- **EVERGLADES ECOFORECASTING**
  - Mangrove Extent

- **WESTERN US WATER RESOURCES**
  - Climate Change Vegetation Shifts

- **CHACO CANYON CROSS-CUTTING**
  - Chacoan Ruins Detection

- **NORTHERN GREAT PLAINS WATER RESOURCES**
  - Changes in Snow and Ice Cover

- **SOUTHWEST US ECOFORECASTING**
  - Invasive Plant Distribution

www.nasa.gov
NASA’s Applied Sciences' DEVELOP program is collaborating with NPS partners on nine projects, working with parks, monuments, and inventory and monitoring networks across more than 15 states, spanning multiple NPS regions. NASA Earth observation data is being applied to assist the NPS in addressing environmental concerns throughout the park system. Projects support environmental decision makers’ needs and demonstrate how NASA Earth observations can enhance decision making processes. Visit http://develop.larc.nasa.gov/projects.php for more information. #NASADEVELOP16

**Rocky Mountains Agriculture**
Reconstructing and Identifying Historical Forest Disturbances in the Southern Rocky Mountains for Enhanced Forest Management with Rocky Mountain NP

**Eastern Idaho Disasters**
Identifying Wildlife Habitat Areas Threatened by Heightened Wildfire Susceptibility for Improved Conservation and Management Practices with Craters of the Moon NMP

**Northern Great Plains Eco**
Mapping Temporal and Spatial Patterns of Annual Bromes in the Northern Great Plains to Develop a Management Plan for Invasive Species Control with Northern Great Plains Network I&M

**Northern Great Plains Water**
Discovering Archeological Sites to Detect Changes in Snowpack Coverage in Intermountain National Parks with Intermountain Region Cultural Resources Department, Rocky Mountain NP

**Appalachian Trail Health & AQ**
Monitoring Ozone and Atmospheric Pollutants in the Troposphere to Help Regulate Point Source Emissions by the NPS with Shenandoah NP, HFNPS, GSMNP, ARD, Northeast Region, NETN, ANST

**Southwest US Eco**
Mapping Invasive Species to Efficiently Monitor Southwestern National Park Areas with Southwest Exotic Plant Management Team

**Western US Water**
Analyzing Vegetation Productivity Shifts Relative to Climate Change and Drought in Capitol Reef National Park with Northern Colorado Plateau and Greater Yellowstone Networks I&M

**Chaco Canyon Cross-Cutting**
Identifying Chacoan Community Signature Profiles throughout the Chaco Canyon to Assist Preservation and Protection Strategies with Intermountain Region Cultural Resources Department

**Everglades Eco**
Improving the Capacity of the Everglades National Park to Monitor Mangrove Extent with Everglades NP