

HOW CAN Earth Observations BE APPLIED TO THE NATIONAL PARK SERVICE?

EAST IDAHO DISASTERS

Wildlife Habitat
Suitability



ROCKY MOUNTAINS AGRICULTURE

Forest
Disturbances



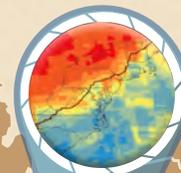
NORTHERN GREAT PLAINS ECOFORCASTING

Invasive Plant Distribution



APPALACHIAN TRAIL HEALTH AND AIR QUALITY

Monitoring Air
Pollutants



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



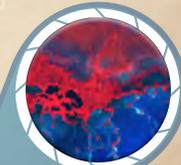
SOUTHWEST US ECOFORCASTING

Invasive Plant Distribution



EVERGLADES ECOFORCASTING

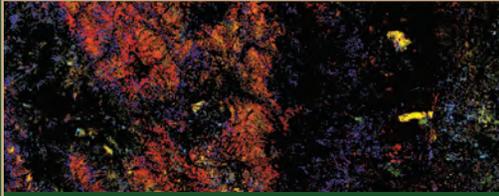
Mangrove Extent



NASA DEVELOP 2016 PROJECT OVERVIEWS

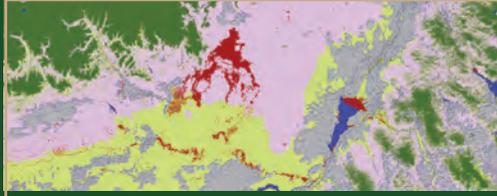
NASA's Applied Sciences' DEVELOP program is collaborating with NPS partners on nine projects, working with parks, monuments, and inventory and monitoring networks across more than 15 states, spanning multiple NPS regions. NASA Earth observation data is being applied to assist the NPS in address-

ing 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*



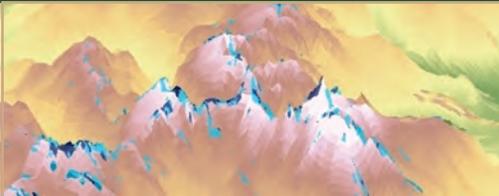
Eastern Idaho Disasters

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



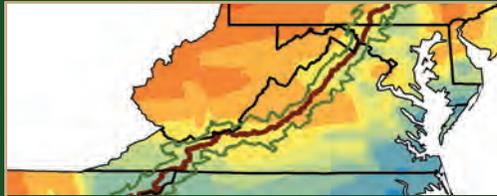
Northern Great Plains Eco

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*



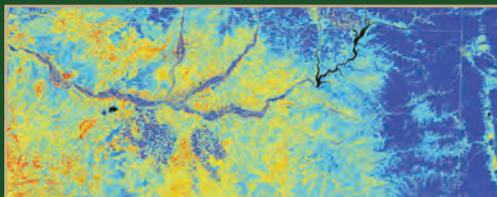
Southwest US Eco

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



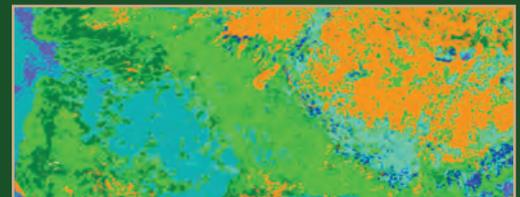
Western US Water

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*