It's time for

LANDFIRE™

Comprehensive geospatial products including existing and historical ecological systems, historic fire regimes, vegetation departure, fuel loads, topography and many more are available for download from one location: *http://www.landfire.gov*

The suite of tools and and data can be adapted for local geographies. Data assist in defining projects, assessing threats, developing measures, analyzing outcomes, and adapting projects. Vegetation models that mimic succession and disturbance on the pre-European landscape are also available.

LANDFIRE is

... a shared program between the wildland fire management programs of the USDA Forest Service and US Department of the Interior, providing landscape-scale geo-spatial products to support cross-boundary planning, management, and operations.

LANDFIRE produces consistent, comprehensive geospatial data and databases that describe vegetation, wildland fuel, and fire regimes across the US and insular areas.

> ONLINE
>
> LANDFIRE Home: http://www.landfire.gov
> Help desk: helpdesk@landfire.gov
> Conservation Gateway: http://nature.ly/landfire
> Twitter: @nature_LANDFIRE
> YouTube: LANDFIREvideo
> Bulletins/post cards opt-in http://ow.ly/qEtT305zk7B
> E-mail: LANDFIRE@tnc.org

LANDFIRE™

Tools for GIS Specialists

⇒ When you need consistent, comprehensive spatial data sets to support planning and analysis over large and very large landscapes ...

⇒ And you want to obtain these data sets easily …

⇒ And you want ready-to-use extensive spatial data, quickly and with little pre-processing ...

⇒ And you need models that help predict potential future vegetation patterns ….

⇒ Then ….

The Nature Conservancy

A FEW LANDFIRE APPLICATIONS

⇒ Assessing Effects of Wildfire on Vegetation in Bridger-Teton NP (WY)
⇒ Assmt of Climate Change in SW U.S. States
⇒ A new approach to evaluate forest structure restoration needs across OR and WA
⇒ Assessing federal forests procedures on wildfire risk in the PNW
⇒ Microbial responses to fire in boreal forests
⇒ Barnstable County CWPP (MA)
⇒ Forest restoration needs assessment (ID)
⇒ Natahala-Pisgah NF plan revision
⇒ Updating LANDFIRE Fuel Grids Using MTBS Fire Severity Data
⇒ Great Basin National Park Landscape Conservation Forecasting (NV)
⇒ Shortleaf Pine Restoration Monitoring (AR)
⇒ Fire Emissions and Carbon (CO)
⇒ Illinois State Forest Assessment
⇒ Woodpecker Occupancy Modeling (ID)
⇒ Ecosystem Services in the Midwest
⇒ Northern Divide Grizzly Bear Project (MT)
⇒ South Spring/Hamblin Valleys Conservation Planning (NV)
⇒ North Carolina GAP Analysis
⇒ Hazardous Fuels Reduction (DC)

⇒ Texas Army National Guard Training Area Management Program
⇒ Upper Mimbres Watershed Assessment (NM)
⇒ Seward Peninsula–Nulato Hills–Kotzebue Lowlands Rapid Ecoregional Assmt (AK)
⇒ Chihuahuan Desert Grassland Bird Habitat Relationships and Abundance (TX)
⇒ Modeling the effects of climate change, urbanization and fire on the longleaf pine ecosystem
⇒ High Park fire: Coupled weather-wildland fire model simulation of a windstorm-driven wildfire in CO's Front Range
⇒ Mapping Bobcat habitat and genetics fragmentation (CA)
⇒ The effect of the decline of sagebrush habitat on the sage-brush grouse. (Great Basin)
⇒ Comparing single scale modeling with multi-scale modeling when examining habitat selection for the Mexican spotted owl
⇒ Assessing Forest Ecological Integrity Using LANDFIRE & Forest Inventory Analysis (NY)
⇒ Central Appalachians Forest Planning
⇒ Land Carbon Project (VA)
⇒ Wildland Fire in the Urban Interface (WY)

⇒ Northern Divide Grizzly Bear Project (MT)
⇒ Cherokee National Forest Collaborative Restoration Planning (TN)
⇒ Carbon Credit Possibilities and Economic Implications of Fuel Reduction Treatments (AZ)
⇒ Fire Frequency in California
⇒ Assessment & Resource Strategy Analysis (HI)
⇒ Landscape Change Driven by Biofuels Mandate (IL)
⇒ Appalachian Trail Decision Support System (ME)
⇒ Economics of Fuel Management (NV)
⇒ Assessing Forest Ecological Integrity (NY)
⇒ Wildfire Hazard Mapping (OH)
⇒ Climate Change and Salmonids (OR)
⇒ Modeling Vegetation Dynamics and Habitat Availability (SC)
⇒ Powell Ranger District Landscape Conservation Forecasting (UT)
⇒ Fuel Treatment Effectiveness (SD)
⇒ Carbon Dynamics of Forests in Washington
⇒ Wild Rivers Legacy Forest Site (WI)
⇒ Colorado State Forest Assessment