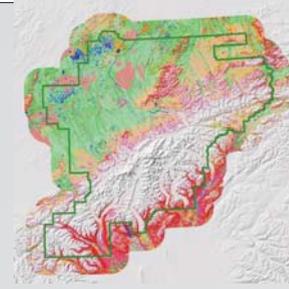




National Veg/Fuels Mapping Programs



	Coarse Scale Spatial Data for Wildland Fire and Fuel Mgmt.	LANDFIRE	MRLC 2001 (Multi-Resolution Land Characteristics) & NLCD 2001/1992 (National Landcover Dataset)	NPS I&M Vegetation Mapping	Burn Severity Mapping Project
Lead Agency/ Program	USDA Forest Service; Rocky Mountain Research Station, Fire Sciences Lab.; Missoula, Montana	USDA Forest Service; Rocky Mountain Research Station, Fire Sciences Lab.; Missoula, Montana USGS EROS Data Center	USGS EROS Data Center; MRLC 2001 Consortium members: EPA, USFS, NOAA, NASA, BLM, NPS, NRCS	National Park Service Inventory & Monitoring Program	National Park Service; USGS EROS Data Center
Geographic Scope	Nationwide; Conterminous lower 48 US	Conterminous lower 48 US; Currently only funded for two prototype areas	Conterminous lower 48 US, Alaska, Hawaii, Puerto Rico	All NPS units with significant natural resources	Large fires (> 300 acres) within and around NPS units nationwide beginning 2000
Deliverables	Potential Natural Vegetation Groups, Current Cover Types, Historical Natural Fire Regimes, Fire Regime Condition Classes, National Fire Occurrence, Potential Fire Characteristics, Wildland Fire Risk to Flammable Structures	Historic Natural Fire Regimes, Fire Regimes Condition Class, Biophysical Settings, Potential Vegetation, Current Vegetation, Structural Stages, FARSITE data layers, Fire Potential, Ecosystem Status; A series of computer models and a comprehensive field plot database will also be included	MRLC: Landsat data centered around the year 2001; minimum of three dates per path/row; Cost: 45\$/scene (available to anyone) NLCD: Nationally consistent land cover data set	Vegetation GIS layer, Aerial photography, Vegetation community descriptions and field key; PLOTS database of field data Fuels layers derived at local level by park resource and fire management staff	Burn severity raster dataset; Final fire perimeter; Pre- and Postfire Landsat imagery Note: While these datasets are not veg. layers, they may be used to update veg/fuels layers to reflect recent fire activity
Data Format	ArctInfo Grid	ArctInfo Grid/Coverage	Imagery: Geotiff Landcover: ERDAS .img	ArctInfo Coverage/ Grid	ArctInfo Grid, Geotiff, ArcView Shapefile
Resolution/Scale	1000 meter; national applications	30 meter; mid to fine scale	30 meter	Minimum mapping unit of 1 acre or less; 1:24,000 mapbase	30 meter
Source Imagery	AVHRR (Advanced Very High Resolution Radiometer)	Landsat 7 ETM+ (Enhanced Thematic Mapper Plus)	Primarily Landsat 7; Landsat 5	Primarily aerial photography; Landsat in Alaska	Primarily Landsat 7; Landsat 5
Vegetation Classification System	Specific to the project	Hierarchical Vegetation Classification (linked to National Vegetation Classification System)	Anderson Level II (modified)	Based upon National Veg. Classification System; association level	Continuous index of burn severity
Project Status	Complete	Prototyping in central Rockies of Utah and Montana	NLCD 1992 - Complete NLCD 2001 - In progress	In progress	In progress
Obtaining Data / More Information	http://www.fs.fed.us/fire/fuelman	http://www.landfire.gov	http://landcover.usgs.gov/nationalallandcover.html	http://biology.usgs.gov/npsveg	http://edc2.usgs.gov/fsp/severity/fire_main.asp