

LANDFIRE: Data and Models for Conservation Planning and Analysis

- Do you need consistent, comprehensive spatial data sets to support planning and analysis over large and very large landscapes?
- Do you want these data sets to be easy to obtain?
- Do you want extensive spatial data that are ready to use quickly with little pre-processing?
- Do you need models that help predict potential future vegetation patterns?

If the answer is yes to any of these questions, you could use LANDFIRE!

Why LANDFIRE?

GIS practitioners often are **challenged by the lack of complete and comprehensive data sets** with **well-defined methods and attributes** that are **standardized** across the entire United States. When those data exist, they are often **difficult to find**. Once found, they are often **challenging to obtain**. Finally, data often can't be **customized and adapted** in order to reflect local conditions.

The Nature Conservancy's LANDFIRE National team can help address those challenges using a suite of data and tools, all available at one location, which include detailed metadata about how the datasets and models were created and the ways they relate to one another. The LANDFIRE suite of spatial products includes more than **20 nationally consistent raster layers related to current vegetation and historic conditions, and over 1000 unique dynamic vegetation models**. Our team can walk you through the main source for data products, documents and technology transfer options as they are presented at the program's home site, www.landfire.gov. On this site, data are easily accessed and compare favorably to other large-scale national datasets that can be difficult to navigate and download.

LANDFIRE National methodologies are science-based and include extensive field-referenced data. To read project reports that show some of the results of five years of work, click on "Stories from the Field" at http://www.tncfire.org/training_landfire_stories.htm. More application stories are also available http://www.landfire.gov/documents_dataproducts.php.

To learn how LANDFIRE might help address your challenges, please contact any of the team members for information. NOTE: The attachment offers a Story from the Field. Print copies are available from jpatton@tnc.org.

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