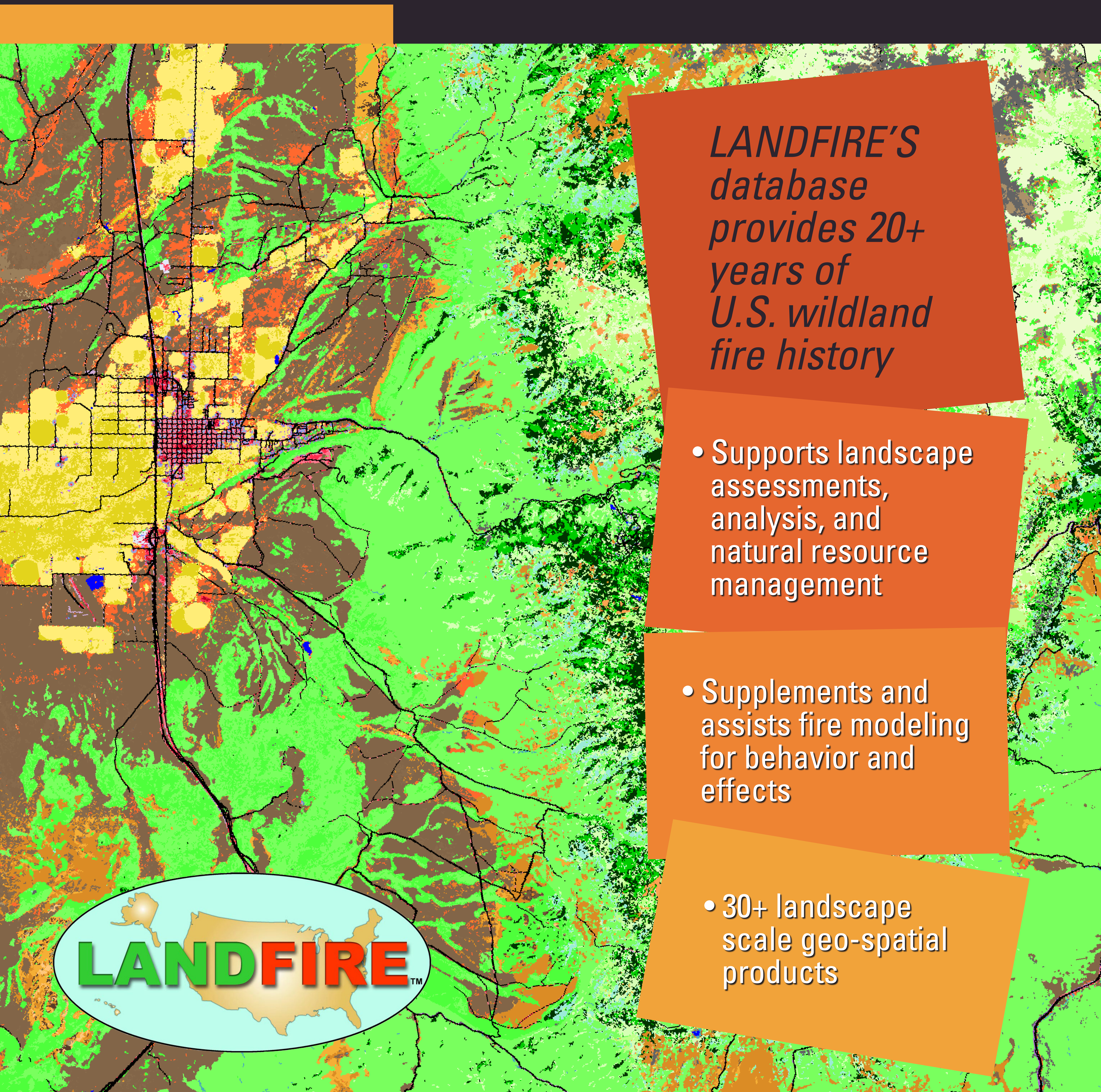


# LANDFIRE

*A toolkit for wildland fire managers*



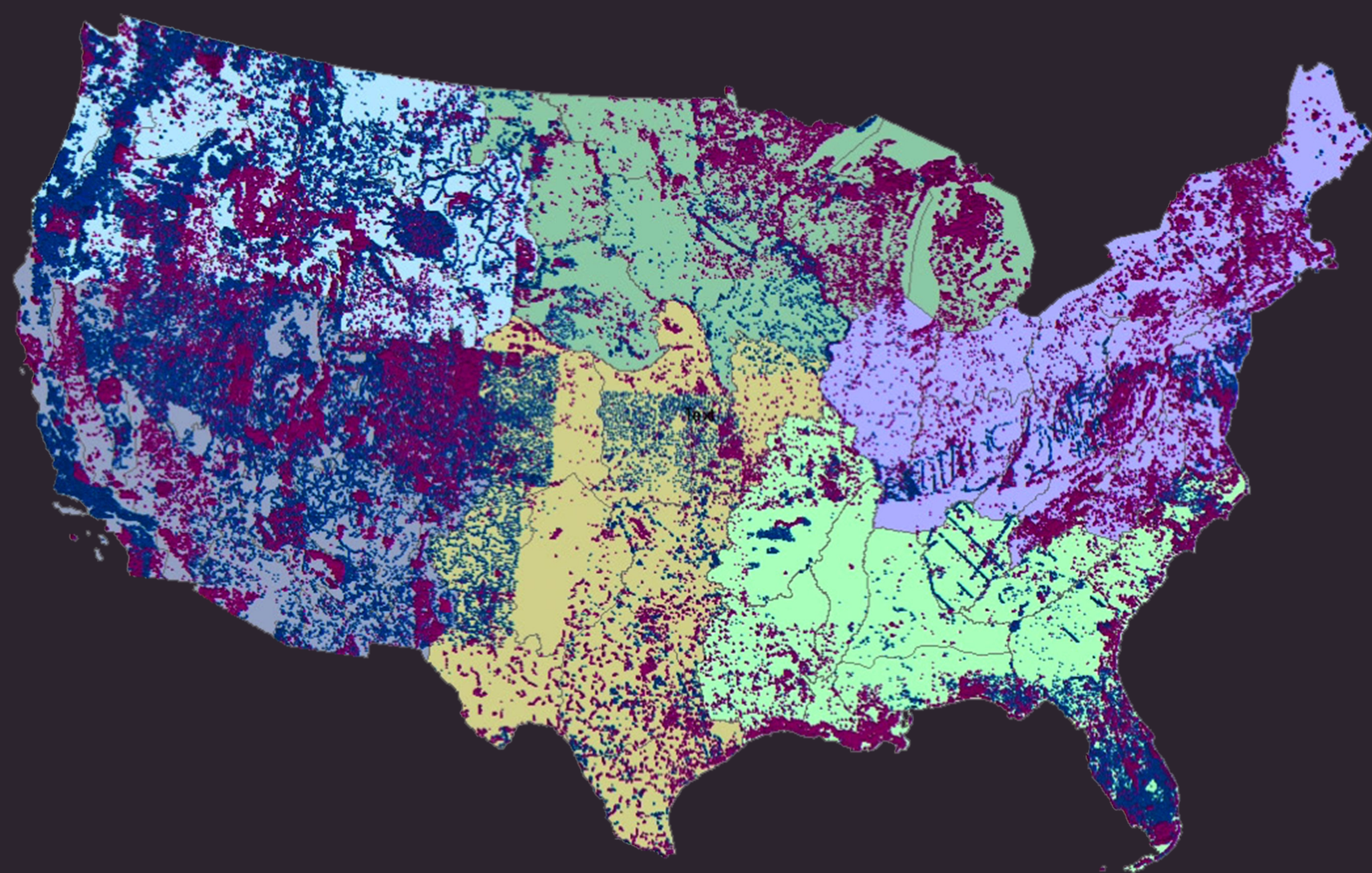
*LANDFIRE'S database provides 20+ years of U.S. wildland fire history*

- Supports landscape assessments, analysis, and natural resource management
- Supplements and assists fire modeling for behavior and effects
- 30+ landscape scale geo-spatial products

Example of LANDFIRE Existing Vegetation Type (EVT) in Utah

LANDFIRE (short for Landscape Fire and Resource Management Planning Tools) is hosted at the USGS Earth Resources Observation and Science (EROS) Center, which provides much of the data crunching expertise for the project. However, it is a true interagency success story. Partners include the Department of the Interior's Office of Wildland Fire, the U.S. Department of Agriculture Forest Service's Fire and Aviation Management and The Nature Conservancy. This collaboration has created far-reaching benefits for everyday Americans:

- 1** Fire modelers use LANDFIRE information to determine where an active fire is likely to occur so resources can be positioned there.
- 2** Land and forest managers use LANDFIRE data to plan prescribed burns in areas that become overgrown. This decreases the amount of fuel available to a potential fire.
- 3** Insurance companies use LANDFIRE data when analyzing fire risk across the United States.
- 4** Ecologists and researchers use LANDFIRE data to conduct wildlife habitat assessments, invasive species inventories and carbon modeling.



“Every year, LANDFIRE improves. It's one of the greatest success stories in our realm that I've ever been a part of. It's like milk, gas, or electricity for us—it's essential to what we do.”

—Rick Stratton of the USDA Forest Service

LANDFIRE Remap products incorporate ground control data from hundreds of reference plots (shown here) which improve the product's accuracy, especially for hard-to-classify shrub and rangeland areas. Image credit: LANDFIRE/USGS



**U.S. Department of the Interior**  
**U.S. Geological Survey**