

# Detailing **Ground** conditions for **Fire Management**

*Landscape Fire and Resource Management  
Planning Tools (LANDFIRE)*

Many factors can influence **how fires behave**. LANDFIRE, an EROS science project, tracks the types of cover on the ground—like vegetation or pavement or desert—along with materials that **fuel fires** and natural or human-caused changes that can **affect fires**.

## How LANDFIRE Helps

- 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.

### Staff

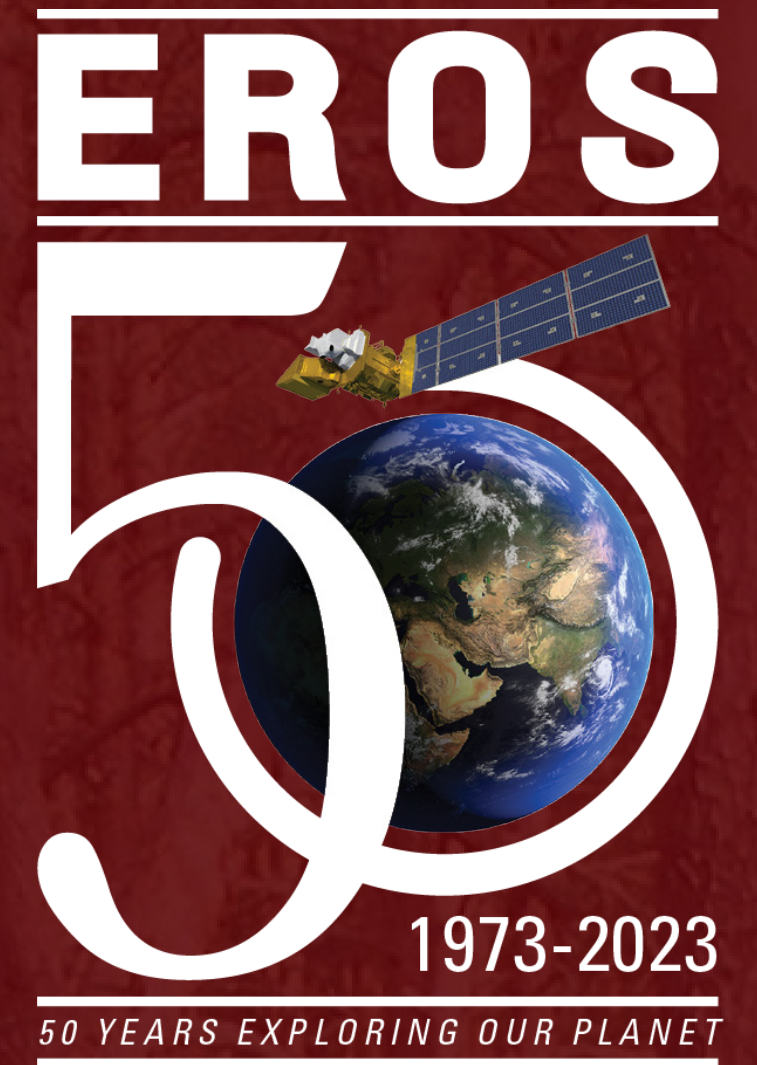
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### Partners

Department of the Interior's Office of Wildland Fire, U.S. Department of Agriculture Forest Service's Fire and Aviation Management, The Nature Conservancy

### Location

United States and U.S. territories



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