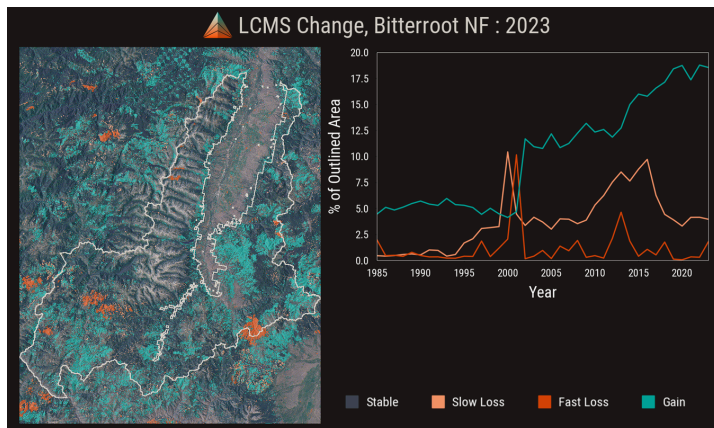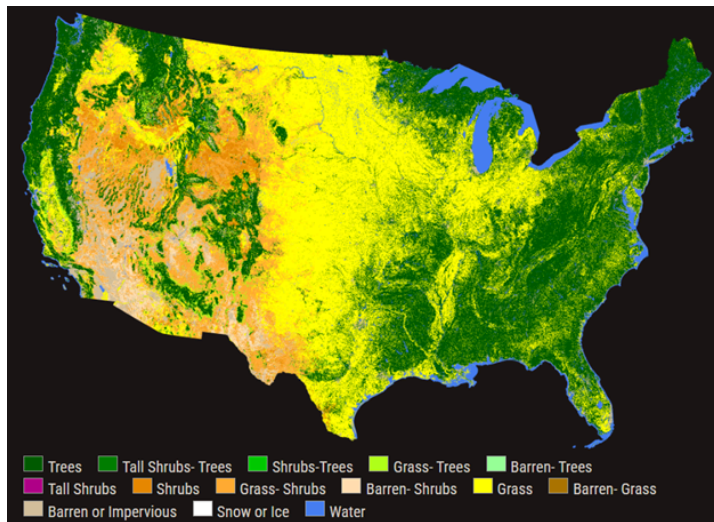# Landscape Change Monitoring System (LCMS)

Our landscapes are changing - Where and when is it happening?

The Landscape Change Monitoring System (LCMS) leverages the latest remote sensing technology and advancements in change detection to produce the "best available" annual maps of landscape change across the United States. LCMS data are annual vegetation cover change, land cover, and land use across the Conterminous United States, Southeastern Alaska, Puerto Rico, U.S. Virgin Islands, and Hawaii. This unique and innovative dataset supports land managers in making sound land management decisions. It allows end-users to quickly visualize and generate reports of how our landscapes are changing.

LCMS Change for the Bitterroot National Forest, 2023.

LCMS land cover across the Conterminous United States

How can LCMS data be used?

- Forest Planning and Revision
- Broad-scale Landscape Monitoring
- Vegetation Map Updates
- Restoration and Treatment Effectiveness
- Postfire Recovery
- Hydrologic Modeling
- Land Use Monitoring
- Landscape Condition Assessments

LCMS

For more information, visit:
https://apps.fs.usda.gov/lcms-viewer/home.html