

# Investigating and Explaining Land Changes



## *Land Change Assessments*

The Land Change Assessments team at EROS **analyzes changes** in U.S. land cover and identifies how the land has been used or changed over time. Scientists try to answer basic questions like: What type of change occurred? **How much change** happened? What were the driving forces?

## How Land Change Assessments Helps

- 1 Monitoring trends** in land cover changes informs decisions about water resources, forests, and agricultural lands.
- 2 Detecting changes** in land cover helps monitor shifts in ecosystems, such as deforestation, urbanization, and wetland loss.
- 3 Identifying urban expansion** and land use changes assists in effective city planning.
- 4 Tracking land cover changes** contributes to understanding carbon storage and its role in climate change.

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