

# Monitoring **Rangelands** for Conservation

## *Rangeland Condition Monitoring Assessment and Projection (RCMAP)*

Across the West, **caretakers of public and private lands** need the best tools to manage America's vast rangelands. To help, EROS' RCMAP classifies **each Landsat pixel** into fractions of different types of ground cover that range from sagebrush to bare ground to tree canopy cover.

### How RCMAP Helps

**1** **Wildlife managers** use RCMAP's precise info for species conservation—for example, to gauge the most suitable habitat for the sage grouse.

**2** **Where public lands** are used for grazing, RCMAP supports land stewardship efforts to balance interests and preserve the health of pastureland.

**3** **With much of the West** in a prolonged drought, RCMAP's detailed data about fluctuations in land cover informs scientists' understanding of climate change.

#### Staff

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#### Partners

Bureau of Land Management, U.S. Geological Survey, U.S. Forest Service, National Park Service, U.S. Fish and Wildlife Service, and The Nature Conservancy

#### Location

Western United States

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