

ColoradoView

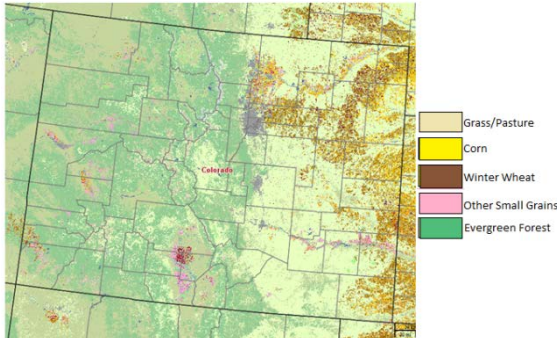
Consortium Overview

2013 - 2014



Improving Utilization of Remote Sensing Resources

General Overview of the ColoradoView Consortium



USDA's CropScope landcover classification for Colorado, based upon Landsat imagery.

In 2014-2015 ColoradoView (hereafter CV) will continue to focus on high impact tasks pertinent to Colorado stakeholders and will continue to carry out tasks that build upon our core strengths and interests. CV's broad objective is to facilitate innovative uses of Landsat and other USGS remote sensing data by educators and researchers in academia and government agencies who are working on issues that are important to the citizens of Colorado. CV promotes the use and integration of GIS and remote sensing data and derivatives for education, research, and decision-making.

CV activities will include the following: 1. Collaborate with agency personnel to assess the utility of satellite data for research on Colorado's grazing lands. CV will assess the utility of satellite data for: a) improved, spatially explicit assessments of grazing lands. 2. Facilitate the use of remote sensing and other geospatial data for modeling and predicting the spatial distributions of invasive species. 3. Work with the UV-B Monitoring and Research Program to improve its methodology for reporting UV and solar radiation according to land use-land cover types across the state of Colorado. 4. Add information, functionality, and data to the CV web site. 5. Facilitate the use of Landsat and MODIS data products in GIS and remote sensing (RS) courses taught at CSU within the Department of Ecosystem Science and Sustainability.

Consortium Membership



CV works to foster communication with partners and consortia members who are current or potential end users of Landsat and other USGS geospatial data. These currently include educators and researchers at Colorado State University, the UV-B Monitoring and Research Program, the Natural Resource Ecology Laboratory, and the Geospatial Centroid. USGS partners include grazing land and invasive species researchers. The CV consortium aims to expand further to include researchers at USDA, the USGS Northern Climate Science Center, and other agencies concerned with natural resources in Colorado.

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