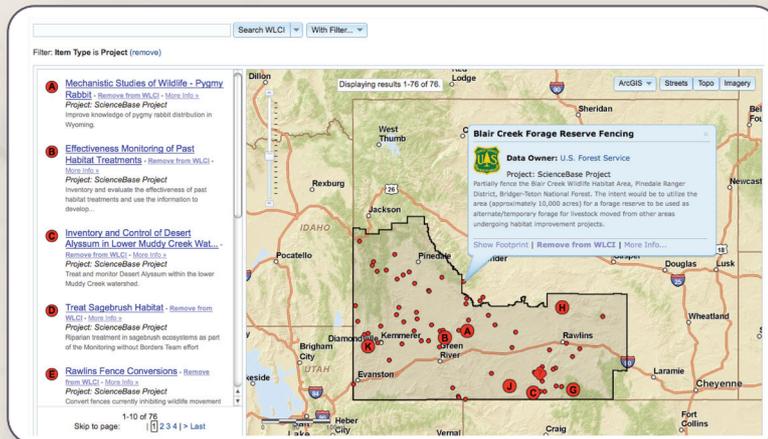




# ScienceBase

The U.S. Geological Survey (USGS) is working to enhance and expand information sharing and preservation by developing ScienceBase, a collaborative scientific data and information management platform used directly by scientists and data practitioners.



- ScienceBase provides access to aggregated information derived from many data and information domains, including feeds from existing data systems, metadata catalogs, and scientists contributing new and original content.
- ScienceBase architecture is designed to aid science teams and data practitioners in pursuing and acquiring information.

For further information: <http://www.sciencebase.gov/>

Sky Bristol  
USGS  
sbristol@usgs.gov

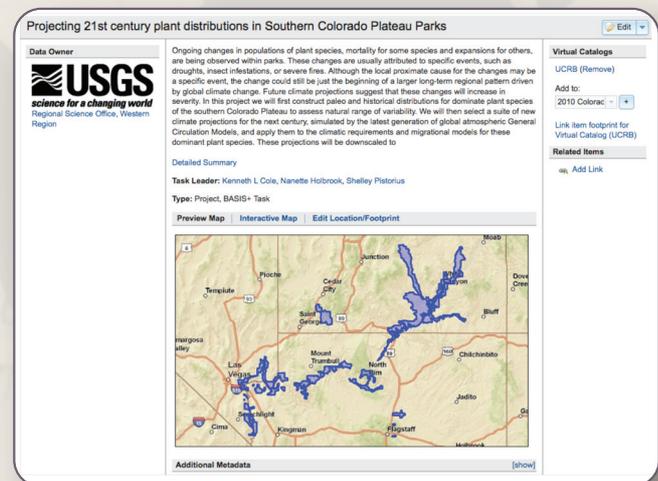
Tim Kern  
USGS  
kernt@usgs.gov

Natalie Latysh  
USGS  
nlatysh@usgs.gov

Screen image showing digital ScienceBase information records, with associated descriptive and geospatial information.

## ScienceBase delivers the following key values:

1. Data uploading, documentation (employing metadata standards), and sharing (selectively or publicly, as appropriate to the content)
2. Ability to serve data and metadata from ScienceBase through standards-compliant Web services to enable other applications and Web sites to use information resources cataloged in ScienceBase
3. Capability for managed harvesting of small and large data sources through Web catalog services to increase and diversify resources available to communities
4. Ability for science and management teams to find and organize information resources important to their work and to provide additional attributes (keywords, spatial reference) to help add meaning to ScienceBase resources
5. Opportunity for ScienceBase data managers to actively improve information discovery by making connections across sources using key elements such as contacts and projects, and to serve as consultants for new communities using ScienceBase



Screen image showing a metadata Web page for a cataloged information item, including descriptive information for the project (abstract, associated personnel) and a map identifying studied regions included in the project.