

CaliforniaView





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CalView has been associated with the **AmericaView** program since 2003. It's mission and objectives are:

- Development of a Remote Sensing Certificate Program for Colleges and Junior Colleges
- Development of a Remote Sensing Certificate Program combined with internship for workforce development
- Diverse Outreach Projects like the UCD annual 'Picnic Day', the 'University Open House' for the public

CalView collaborates with the California State Resources Agency to create an archive of Landsat images which can be used for development of an online Landsat image examination tool and tutorial.

CalView funded 2 proposals from other **AmericaView** members to develop online materials for remote sensing, available in 2009. These course modules serve as a major resource for the Remote Sensing Certificate Program CalView is developing accessible to each AmericaView member state.



Figure 1. Picnic Day 2008 'The Earth from Space



Figure 2. Picnic Day 2009 'Change Detection

Private Utilities Federal Collaboratives Private Cities Nonprofit 29% Counties 11% 17% Regional Academic 13% Government Institutions State Agencies

CalView is actively working to promote the use of remote sensing in environmental research and problem solving (Figure 3) and is an official member of the **AmericaView** Consortium since 2006. **CalView** is housed in the Center for Remote Sensing and Spatial Technologies (CSTARS) at UC Davis. The distribution of data and imagery is housed in the CA Spatial Information Library (CaSIL) which is part of the CA Environmental Resources Evaluation System (CERES) in the CA Resources Agency. Downloads from **CalView** average 6.5 GB of data per day, and all data is publicly available.

Figure 3. Distribution of CaSIL users.

CalView has provided four complete California mosaics for historical studies and encourages access to additional remote sensing imagery, including western weather satellite imagery, data from the EOS Terra and Aqua satellites, including MODIS data, and other high resolution imagery.



Figure 4. Georeferenced mosaic of California images taken by Landsat 7.









