



# WisconsinView.org

Remote Sensing Resources for Wisconsin



## Promoting the Benefits of Remote Sensing Data and Applications

The goal of WisconsinView is to enhance the coordination of remote sensing data access and use across the state. Towards that end, we seek to expand our consortium of participating institutions.



Landsat 7 Satellite Image

## Bridging the Gap

The federal government and private sector spent billions of dollars on satellite-based earth observing systems since the early 1970's. In that time the research community has identified and developed practical applications for mapping, monitoring, and managing natural and environmental resources. Potential uses for remote sensing technology are widely recognized; yet connecting state and local users with federal information requires local knowledge and a statewide network. WisconsinView bridges the gap between the research and user communities in Wisconsin.

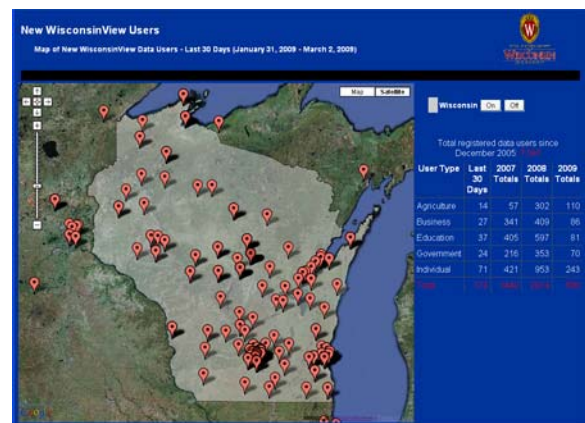
## WisconsinView Network and Users

### Institutional Partners (as of January 2009)

Lac Courte Oreilles Ojibwa Community College  
NOAA National Weather Service WFO Milwaukee  
University of Wisconsin - Green Bay  
University of Wisconsin - Madison  
University of Wisconsin - Milwaukee  
University of Wisconsin - Stevens Point  
University of Wisconsin - SeaGrant Institute  
USDA Wisconsin Farm Service Agency  
Wisconsin Department of Natural Resources  
Wisconsin Land Information Association  
Wisconsin State Cartographer's Office



### Over 7,500 Unique Registered Users

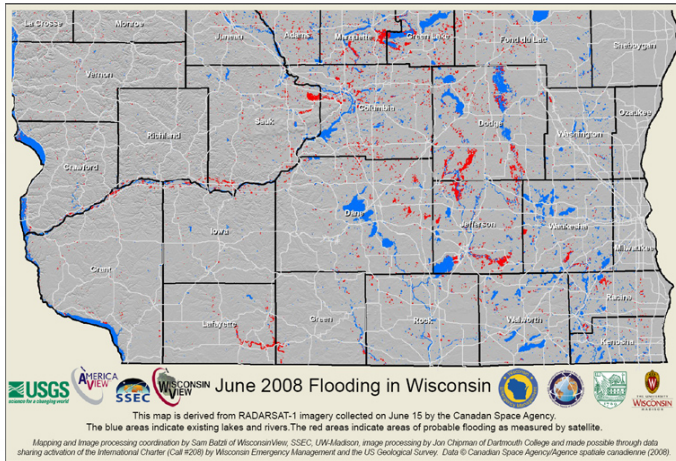


View real-time map at:

<http://wisconsinview.ssec.wisc.edu/membership/>

## Benefits: Emergency Management Support

**Support during 2008 Flooding** – At the request of Wisconsin Emergency Management (WEM), WisconsinView provided remote sensing image processing and mapping support during and after the record floods of June 2008 in Southern Wisconsin. Because of WisconsinView, inundation maps were made available within days. In prior years, WisconsinView has contributed to tornado swath damage mapping.



## Education

**K-16 and Outreach** – WisconsinView makes presentations at schools, museums, and libraries to bring awareness of imagery and remote sensing resources to a broad audience. In the classroom, WisconsinView teaches periodic workshops and lectures. University students frequently use WisconsinView imagery in their coursework and research projects. Workforce development requires knowledge of what is possible and WisconsinView charges the imagination of students of all ages.

## Data Access

**The Sole Source** – WisconsinView is the only free online source of statewide aerial imagery of Wisconsin. We also collect and process daily satellite imagery. Between 300 and 800 GB of data are downloaded each month. The variety of imagery we provide is used for an even greater variety of purposes from land record updates, to recreational uses, to water quality monitoring, to farm field evaluation, to environmental consulting.



Air photo of the State Capitol



Satellite Image of Wisconsin

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