



AmericaView

*A Nationwide Consortium
for Remote Sensing*

Education, Research, and Geospatial Applications

Solutions through Data, Partnerships, Education, and Action

AmericaView, Inc. 501(c)(3)

A **nationally** coordinated and **locally** controlled program advancing the use of remote sensing through:



EDUCATION



OUTREACH



INFORMATION TRANSFER



APPLIED RESEARCH



WORKFORCE DEVELOPMENT



TECHNOLOGY

See our story at bit.ly/americaview

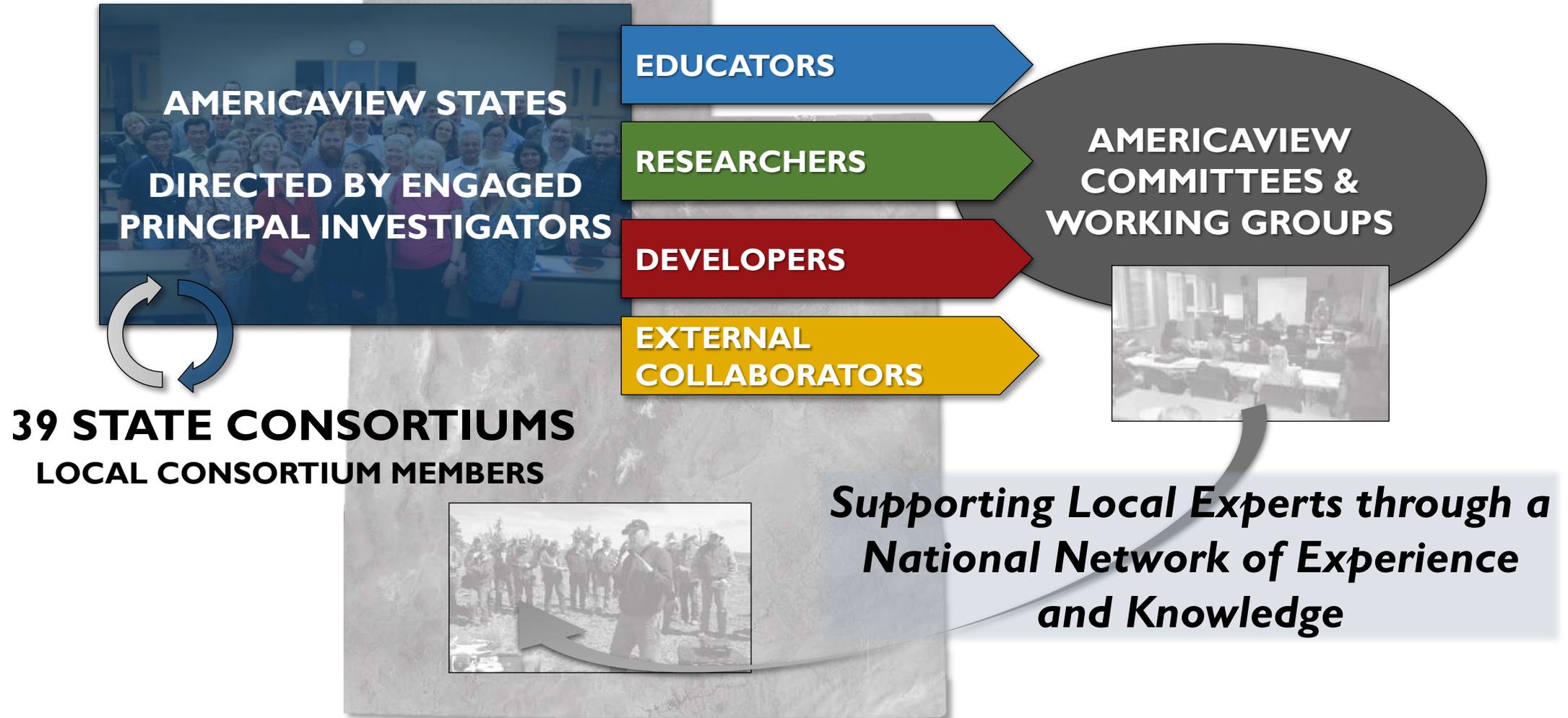
AmericaView Consortium

Members and Lead Institutions

ALABAMA Auburn University	INDIANA Purdue University	NEVADA University of Nevada – Reno	RHODE ISLAND University of Rhode Island
ALASKA University of Alaska – Fairbanks	IOWA Iowa State University	NEW HAMPSHIRE University of New Hampshire	SOUTH DAKOTA South Dakota State University
ARKANSAS University of Arkansas – Fayetteville	KANSAS University of Kansas	NEW MEXICO New Mexico State University	TEXAS Midwestern State University
CALIFORNIA University of California – Davis	KENTUCKY Murray State University	NEW YORK State University of New York	UTAH Utah State University
COLORADO Colorado State University	LOUISIANA University of Louisiana – Lafayette	NORTH CAROLINA East Carolina University	VERMONT University of Vermont
CONNECTICUT University of Connecticut	MARYLAND Towson University	NORTH DAKOTA University of North Dakota	VIRGINIA Virginia Tech
DELAWARE University of Delaware	MICHIGAN Michigan Tech Research Institute	OHIO Bowling Green State University	WASHINGTON Washington State University
GEORGIA University of West Georgia	MINNESOTA University of Minnesota	OKLAHOMA University of Oklahoma	WEST VIRGINIA West Virginia University
HAWAII University of Hawai'i	MISSISSIPPI University of Mississippi	OREGON Oregon State University	WISCONSIN University of Wisconsin – Madison
IDAHO Idaho State University	MONTANA Montana State University	PENNSYLVANIA California University of Pennsylvania	WYOMING University of Wyoming
	NEBRASKA University of Nebraska – Lincoln		

39 Active Members
 38 Full Members
 1 Affiliate
 2 Inactive Affiliates

AmericaView – A Catalyst for National Collaboration



Outreach

**Between July 1, 2015 and
December 31, 2016**

Web Statistics

- SV Web visitors: 101,081 visitors
- SV Web page views: 194,319 page views
- Total remote sensing data archived in SV websites: 54,377 GB
- Remote sensing data newly added in this reporting period: 6,348 GB
- Remote sensing data downloaded: 7,564GB
 - Landsat data downloaded: 58 GB
 - MODIS data downloaded: 10 GB
 - Orthophotos downloaded: 2748 GB
 - Other remote sensing data downloaded: 4,748 GB

Curriculum and Research Statistics

- New remote sensing courses or programs started that resulted from AV partnerships/efforts: 9 courses or programs
- Presentations on AmericaView, StateView, or remote sensing : 63 presentations
- Attendees at presentations: 3,437 attendees
- Research papers published: 14 papers

Education Statistics

- K-12 students trained: 7,783 students
- K-12 minority students trained: 2,072 students
- K-12 teachers trained: 216 teachers
- Higher education students trained:
 - Thousands via NHView webinars on YouTube
 - Hundreds face-to-face
- Higher education faculty/staff trained: 47 faculty/staff
- Current workforce trained: 1154 workforce personnel

ROI at <\$25,000/Year/SV

<u>Activities funded under USGS Grant G14AP00002</u>	Period 1	Period 2	Period 3	Period 4
Consortium Development/Outreach	68	83	91	95
Education	56	67	66	73
Research	47	52	55	51
Data Archive and Distribution	35	34	32	31

President's FY18 Budget

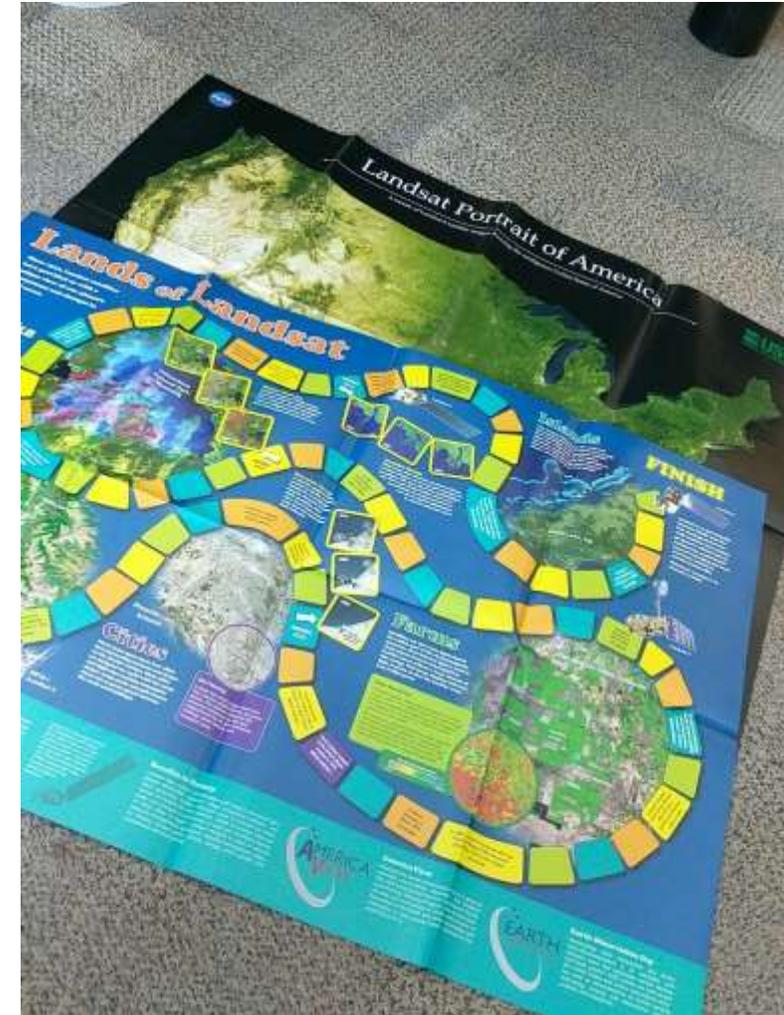
• Land Resources - new structure.....	+112,847
• National Land Imaging Program - new structure ..	+76,127
• Internal Transfer from Land Use Change	+72,057
• Landsat 9 Ground System Development.....	+22,400
• National Civil Applications Center	-4,847
• AmericaView Grants.....	-1,215
• Satellite Operations	-8,996
• Research and Investigations	-3,272
• Operations	-340
• Fixed Costs	+340

“...The budget includes reductions to lower priority programs, including eliminating the \$1.2 million AmericaView grant program ...”

https://www.doi.gov/sites/doi.gov/files/uploads/2018_highlights_book.pdf

Planning Ahead, What's Next?

- Complete the current grant period by 31 December 2017
 - Strong support to Pecora: Workshops, Presentations, Panels, Posters
 - 21 Mini-grants
 - Earth Observation Day of Earth Science Week – October 10
- Interim Period
 - Expertise remains
 - Academic programs and Curricula
 - Emphasis on Landsat
 - Increasing work with Sentinel
 - UAS (Guidelines for Academic Programs), LiDAR, Radar
 - Publications and Presentations
 - Website sustained
 - Webmaster and AV “Guardian”
 - Board Active
- Other Grants Opportunities
 - NASA, NSF, ...
 - Foundations (e.g., Water Quality)



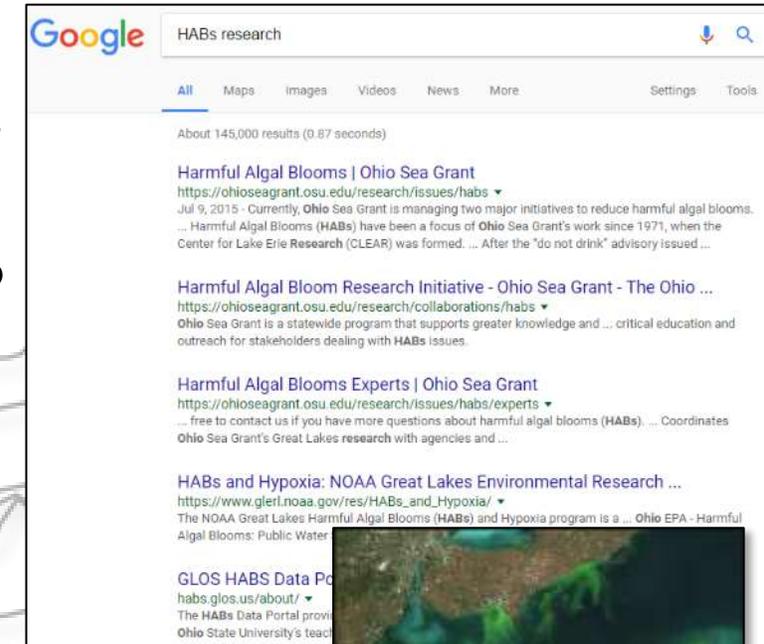
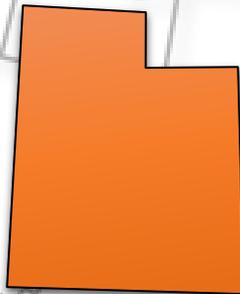
What AV Enables: Local Challenges and National Expertise

NEED: AN ENVIRONMENT FOR COMMUNICATION



“Additional waters closed as ‘unprecedented’ Utah Lake algal bloom moves north.”

-Salt Lake Tribune, August 2016



“At Ohio State University, an interdisciplinary collaboration has spent five years trying to find a solution for the harmful algae blooms...”

-The Columbus Dispatch, December 2016