



# ARKANSASVIEW CONSORTIUM OVERVIEW 2014 - 2015



## ENHANCING THE UNDERSTANDING AND USE OF REMOTE SENSING IN ARKANSAS



Graduate and undergraduate students in Principles of Remote Sensing at University of Arkansas. ArkansasView funds augment the remote sensing learning environment for K-12 through PhD studies, and for both on-campus and off-campus students.

Arkansas seeking to apply remote sensing in their research (e.g., <http://asa.cast.uark.edu/hazmap>), and c) advances in geospatial provenance (the ability to understand and replicate remote sensing workflows) as featured in *Remote Sensing Handbook* (CRC Press; <https://goo.gl/rPsvig>) published in late 2015.

Through a new 2014-2015 partnership with Communities Unlimited (<https://communitiesu.org>), a nonprofit organization serving communities in Arkansas and six neighboring states, ArkansasView is sponsoring a geospatial internship for developing remote sensing-assisted workflows that address persistently poor rural communities' access to basic water infrastructure. Through partnerships of this nature and related University-led activities, ArkansasView is enhancing remote sensing education, research, and geospatial applications in Arkansas and America.

ArkansasView is a member of the AmericaView consortium, a nationally-coordinated network of academic, agency, non-profit, and industry partners and cooperators that share the vision of promoting and supporting the use of remote sensing data and technology within each state.

Established in 2002 by University of Arkansas' internationally recognized Center for Advanced Spatial Technologies (CAST), ArkansasView has been a strong supporter of remote sensing within the Center, the campus community, and throughout the state. Recent efforts have focused on a) the development of new degree and certificate programs including PhD Geosciences, MS Geography, and online certificates (e.g., <https://goo.gl/QU1g2W>) in geospatial technologies more closely aligned with remote sensing, b) collaboration with faculty and graduate students in

## CONSORTIUM MEMBERSHIP



COMMUNITIES  
... Unlimited

EAST initiative



ArkansasView activities are led by Dr. Jason Tullis and Dr. Mohamed Aly from the Center for Advanced Spatial Technologies (CAST) at University of Arkansas. The Center is under the direction of Dr. Jack Cothren. Since 2002, a number of organizations and individuals have contributed directly to realizing ArkansasView goals and initiatives. For example, the Arkansas GIS Office provides access to statewide remote sensor data, the EAST Initiative trains high school students in remote sensing techniques, and Communities Unlimited trains remote sensing students in applications that directly benefit underbuilt communities in Arkansas and six other states. In 2015, Dr. Lu Liang from University of Arkansas at Monticello began contributing new remote sensing expertise to ArkansasView.

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