



GEORGIAVIEW 2023 - 2024

AmericaViewSM
Empowering Earth Observation Education
americaview.org

GEORGIAVIEW 2023 - 2024 ACTIVITIES



Earth Observation Day event with Central High School Students, Carrollton, Georgia, on March 8, 2024

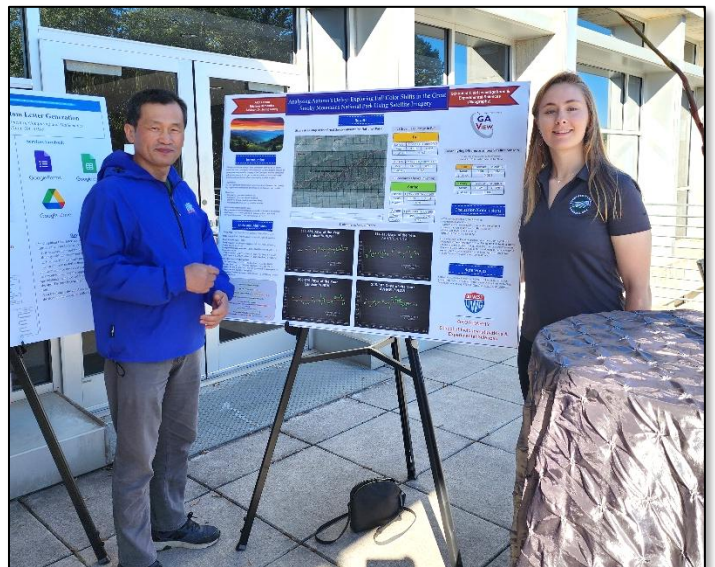
GeorgiaView has brought meaningful impact on K-12 and university students, as well as on local and national communities. Key highlights include:

- Hosting Earth Observation Day events
- Surveying Dual enrollment programs on high school coordinators
- Promoting undergraduate career development and research in the GIScience fields

GeorgiaView's activities are highlighted by two major activities. One is the dual enrollment survey on high school coordinators and counselors. Seven high schools were surveyed in depth, representing 2,873 11th graders and 2,849 12th graders, totaling 5,722 students. One finding is that about 21% of students (i.e., 1,194 out of 5,722) are actively participating in dual enrollment programs at various colleges across the state.

Another finding is that most high school coordinators or counselors do not know about GIS and remote sensing fields. Additionally, there is a need to make GIS and remote sensing courses fulfill necessary graduation credit requirements in Science or CTAE (Career, Technical, and Agricultural Education) areas. It was identified that statewide and national initiatives are urgently needed to broaden Science or CTAE fields.

GeorgiaView's second major activity is to promote remote sensing to K-16 students by hosting Earth Observation Day event and directing undergraduate research projects. Undergraduate student research was presented at multiple conferences, and published in an academic journal. GeorgiaView's undergraduate student support has helped students to pursue careers at renowned companies like Carroll EMC power and The Ray (<https://TheRay.org>) transportation consulting firm.



Undergraduate student research presentation at UWG Scholar's Day

GeorgiaView 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. AmericaView is funded by USGS grant agreement G23AP00683.

AmericaViewSM
Empowering Earth Observation Education
americaview.org

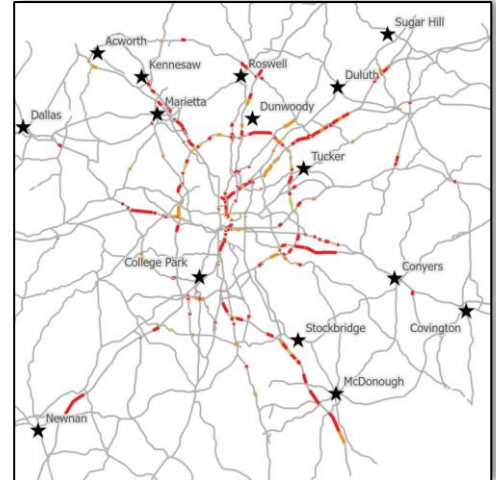
AmericaView Website:
www.AmericaView.org
Christopher McGinty, Executive Director:
chris.mcginty@americaview.org
Lisa Wirth, Program Director:
lisa.wirth@americaview.org
Lindi Quackenbush, Board Chair:
lquack@esf.edu

BENEFITS TO GEORGIA

GeorgiaView has brought broad impacts to the State of Georgia by promoting geospatial technologies, providing science education, and helping decision making about natural resources. The following are testimonials about the Earth Observation Day event, undergraduate student support, and a research project.

- Earth Observation Day
 - *"I thought the experience was great. It was awesome to see how the things work in the geoscience part of the university!"*
 - *"I enjoyed it! Everybody was nice and open."*
 - *"This event was very good! The stations were all very interesting and enjoyable. This event provides more insight and information to me about how agriculture can impact the environment as I hope to pursue a career in sustainable agriculture."*
 - *"It was great, the sandbox was particularly fun and all the guides and professors were extremely nice. I'm definitely thinking at looking at geology as a major option."*

- Undergraduate student research
 - *"I believe that my involvement in these GeorgiaView projects helped me to secure my GIS internship at our local utility company ... The experiences I've gained through my work with Dr. Seong and GeorgiaView have given me opportunities I otherwise would never have had. I will be eternally grateful ..."*

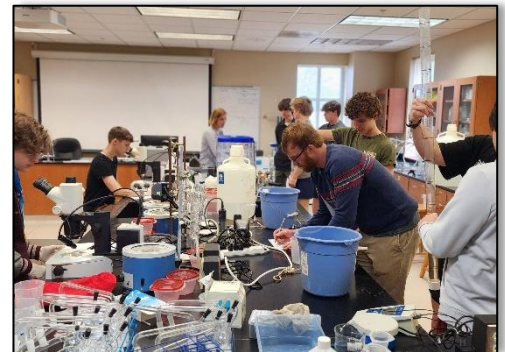


Undergraduate research: crash hotspots in metro Atlanta (2017-2021)



High School students making 3D models with the Sandbox system

GEORGIAVIEW CONSORTIUM MEMBERSHIP



High School students measuring and analyzing water quality properties

GeorgiaView Principal Investigator:

Dr. Jeong Seong

University of West Georgia

Phone: 678-839-4069

Email: jseong@westga.edu



<http://GaView.org>

