



NEW MEXICOVIEW 2023 - 2024

AmericaViewSM
Empowering Earth Observation Education
americaview.org

NEW MEXICOVIEW 2023 - 2024 ACTIVITIES

During 2023, New MexicoView emphasized outreach events demonstrating Earth observation education via GIS and remote sensing resources for New Mexico students, STEM educators, and citizen scientists. Graduate student support for remote sensing research met the objectives of the USGS/NLI by exploring Earth observation education. Two Graduate Assistants (GA's) were supported in 23-24; Samuel (Kojo) Abakah joined the program in August, and Pablo Viramontes defended his Master's degree in December 2023.

In addition to research support, the USGS and AmericaView provided outreach and professional development participation opportunities for students at the national level. Kojo and Pablo gave presentation at the United Nations International Youth Day in August 2024.

AmericaView coordinated a team from TexasView, New MexicoView and LouisianaView for participation in the El Paso Science Festival. This effort reached almost 10,000 participants from El Paso and southern New Mexico.

New MexicoView goes to Washington!

In October, 2023, Hispanic Heritage Month saw Pablo Viramontes tour the capital and the USGS offices. In June 2024, Juneteenth saw Samuel Abakah make a similar tour of USGS and the capitol. Main Point



NMView Graduate assistants Samuel (Kojo) Abakah and Pablo Viramontes, at the El Paso Science Festival, April 6-7, 2024.

Pablo Viramontes represents New MexicoView in celebration of Hispanic Heritage Month in Washington DC.



Kojo Abakah, in Washington DC for the Juneteenth Blacks in Space celebration.

Stream table demonstration at the El Paso Science Festival, April 6-7, 2024. Dan Dugas, NMSU Geography & Environmental Studies with Rodney Yantis from Louisiana View



New MexicoView 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.

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BENEFITS TO NEW MEXICO

New MexicoView is helping to build the geospatial workforce in New Mexico.

Graduate students from NMView demonstrated the Earth Observation Education opportunities to 3rd and 5th grade students in southern New Mexico.

Pablo Viramontes completed his Master thesis, "Embellishing K-12 Geography Education in New Mexico through GIS and Citizen Science."

Established a strong connection with Math, Engineering, Science Achievement (MESA) high school teachers in southern New Mexico.

Career Exploration Camp was provided on the NMSU campus for 14 high school students in June 2024.

USGS Guest, Tom Cecere, with Geography & Environmental Studies students September 9, 2024.



El Paso Science Festival, April 6 & 7, 2024.

Top: Kojo Abakah, NMView Graduate Assistant supporting "Earth as Art" puzzle completion.



Middle: Families get involved putting the Satellite image puzzles together.



Bottom: Pablo Viramontes, NMView and Geography & Environmental Studies alumni, demonstrates thermal imaging for all ages at the El Paso Science Festival.



NEW MEXICOVIEW CONSORTIUM MEMBERSHIP



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