



VERMONTVIEW



VERMONTVIEW HISTORY AND SUCCESSES

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

The VermontView consortium is dedicated to advancing remote sensing in Vermont through education, outreach, training, networking, and data distribution.

Remotely sensed data plays an important role in the Green Mountain State. High-resolution aerial photography helps communities update their property parcel maps. Civil satellites, such as the USGS Landsat program, provide an invaluable historical record that is used to quantify landscape change and monitor forest health. Detailed 3D topographic models generated from USGS funded airborne LiDAR are used to produce better flood risk models. Unmanned Aircraft Systems (UAS) are enabling emergency personnel to make better decisions, more quickly during natural disasters.



Vermont's high-resolution statewide land cover dataset was developed using methods funded by AmericaView.



UAS mapping of agricultural fields.



Expertise

With no remote sensing professionals employed within state government, VermontView is the resource agencies and elected officials turn to when they need unbiased advice.



Actionable Information

Vermont has a vast collection of publicly available remotely sensed data. VermontView helps to turn these data into information so that managers can make for informed decisions.



The Future Workforce

Developing the workforce of the future starts today. VermontView is active throughout the state in K-16 outreach and education, providing students with STEM learning opportunities.



VermontView's UAS activities provide students access to cutting-edge remote sensing technologies.

VermontView 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 G18AP00077.



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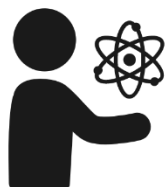
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VERMONTVIEW 2018-2019 ACTIVITIES



Public Safety

VermontView worked with state and local public safety agencies to help them integrate remote sensing technology into their operations.



STEM Outreach

Through school outreach and summer programs, VermontView exposes students to the exciting career opportunities in the remote sensing field.

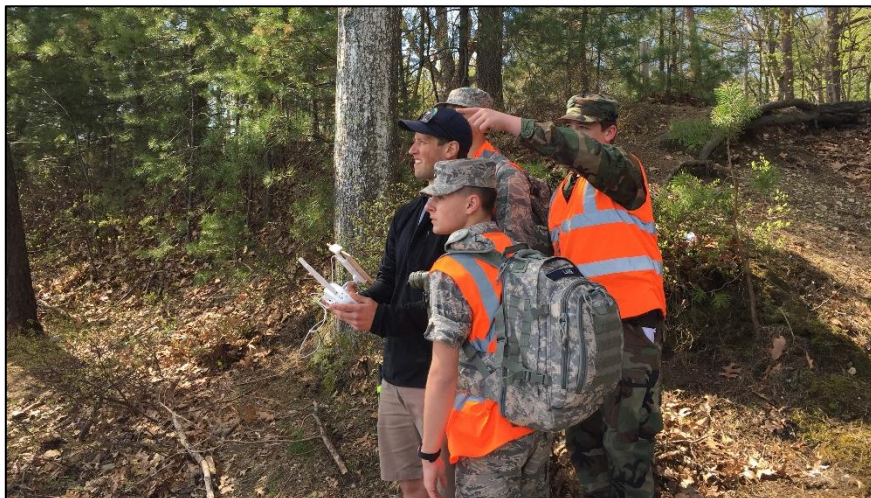


Workforce Development

Technology is constantly changing. The VermontView UAS workshop helps professionals obtain the skills they need to thrive in a competitive landscape.



STEM programs provide hands-on training to K-12 students.



Integrating UAS and remote sensing technologies into the Civil Air Patrol's cadet search and rescue exercise.



The UAS workshop for professionals was attended by persons from public safety agencies, educators, and those from private industry.



The VermontView internship program provides a unique opportunity for an undergraduate student to carry out remote sensing research for a 6-month period.

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