



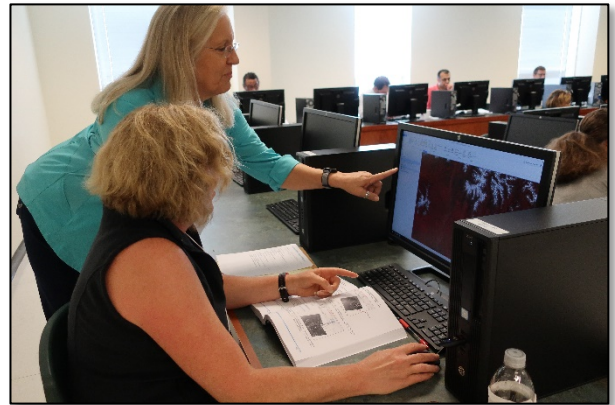
# VIRGINIAVIEW 2018 - 2019



## VIRGINIAVIEW HISTORY AND SUCCESSES

**VirginiaView, as a longstanding member of AmericaView, has contributed to a broad range of activities that brings teachers, students, industry, and the public into contact with remote sensing imagery, learning resources, and new applications.**

- VirginiaView conducts **workshops** for Virginia’s teachers at various venues across Virginia.
- VirginiaView conducts workshops to **introduce remote sensing imagery** to staff of local/state agencies, and private industry.
- VirginiaView participates regularly in **Virginia’s Science Festival**, introducing Landsat imagery and related Remote Sensing technologies.
- VirginiaView has prepared **eBooks** and online video tutorials to enable people of all backgrounds to acquire and use Landsat imagery to learn the practice of Remote Sensing.
- VirginiaView hosts and sponsors the annual **GIS and Remote Sensing Symposium**. This forum provides an opportunity for university faculty from multiple institutions and various disciplines to share their research interests. In addition, undergraduate and graduate students share their geospatial research interests with the broader community.



Remote sensing workshops provide professionals with an introduction to Landsat imagery & Virginia imagery products



The GIS and Remote Sensing Symposium attracts over 80 participants including students and community stakeholders.

### 2019 VirginiaView Workshop Testimonials

*This (workshop) was an excellent use of my time. I will be able to extend remote sensing techniques that I have learned at this workshop to probably 100 other individuals over the course of the next year.*

*Remote sensing is critical to understanding and managing human interactions with natural resources. This course gave me greater insight and confidence to work with remotely-sensed data and incorporate GIS analysis into my teaching, research, and outreach.*



Remote Sensing symposium speakers represent both the public and private sectors.

VirginiaView 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.

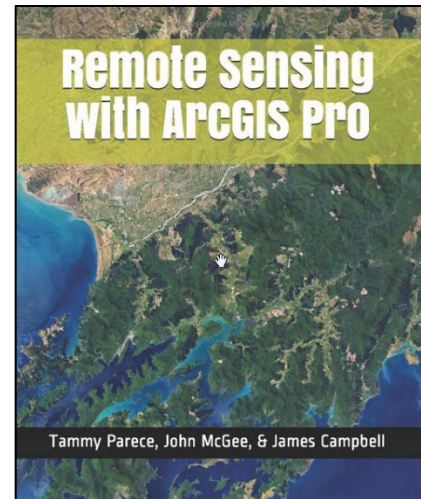


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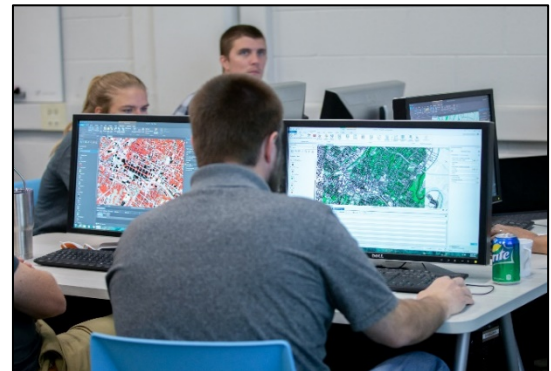
## VIRGINIAVIEW 2018 - 2019 ACTIVITIES

**VirginiaView** is dedicated to supporting workforce development at various levels across the Commonwealth, and provides an array of professional development venues, resources, & opportunities, including:

- **eBooks:** VirginiaView provides inexpensive and authoritative resources that provide researchers, industry, and the educational community with effective access to remote sensing imagery and instructions for image analysis. Our most recent resource (shown right) provides access to the recently released ebook *Remote Sensing with ArcGIS Pro*. This resource allows communities to immediately make the transition to the new ESRI product line. VirginiaView's Amazon Kindle eBooks are available at minimal cost (about \$3), and resources— imagery, and related support materials, are freely available on-line from USGS open-access imagery program. Within Virginia and some other states, ESRI software is available to students without cost. Use of our eBooks requires access to a computer, internet communications, and ESRI software. Over 35,000 eBook pages have been accessed. These resources have been adopted by several university institutions.
- **Online Tutorials:** VirginiaView and its partners have provided video tutorials to support the use and integration of remote sensing imagery and image processing techniques. These instructional videos have been accessed from across the United States and overseas, and have been viewed over 290,000 times.
- **Workshops:** VirginiaView conducts professional development workshops at various locations across the state. These workshops span an array of remote sensing topics, and are attended by local/state/federal government employees, the private sector, educators, and personnel from land trusts and other nonprofit organizations. Workshop topics in 2018-2019 included:
  - Mapping with Drones (5 workshops)
  - Using Remote Sensing with ArcGIS Pro (2 workshops)
- **K-12 Programs:** VirginiaView provides remote sensing programs to the precollege community. The Virginia Tech Science Festival connects participants of all ages and backgrounds with varied forms of imagery. A grade school student (shown at right) observes landscape changes at the VirginiaView exhibit as recorded over periods of several years, introducing her to the dynamic character of the communities that she previously regarded as fixed features. VirginiaView has participated the Science Festival for many years, recruiting university students as assistants, thereby nurturing their interests in Landsat Imagery and its applications.



*VirginiaView provides numerous professional workforce development, including eBooks, boundbooks, and online tutorials.*



*Professional development workshops are held across Virginia*



*Remote sensing exposure starts in grade school*

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