



RHODE ISLANDVIEW 2020 - 2021

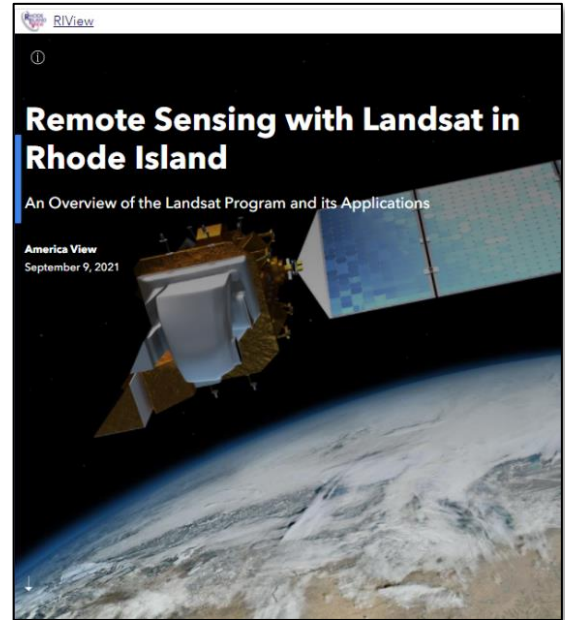


RHODE ISLANDVIEW 2020 - 2021 ACTIVITIES

Rhode IslandView Story Map raises Landsat awareness in the Rhode Island natural resource community.

The Landsat satellites have provided continuous coverage of the entire earth for 50 years which is unmatched by any other satellite data archive. These data are freely available through the USGS and are used throughout the world for a wide variety of applications especially for detecting changes in the landscapes over time. While Landsat is well known to the global remote sensing community, it is often underappreciated by the broader geospatial community, natural resource professionals, and the general public.

With AmericaView support, the University of Rhode Island recruited and mentored two graduate research assistants to create a Story Map to tell the story of the ongoing Landsat program. The Story Map provided basic information about remote sensing, gave the historical background of the Landsat program, described the characteristics of Landsat data, discussed example applications, and provided instructions on how to access the data. The Story Map was geared toward a non-technical audience to make it approachable to a broad community of professionals and the general public. The Story Map is publicly available through the Rhode IslandView website (see below).



Story Map of Landsat in Rhode Island



The Rhode IslandView website

The Rhode IslandView website was relaunched in 2021.

While the website was down for maintenance, Rhode IslandView took the opportunity to overhaul the website to improve its functionality. The newly updated website provides convenient access to the goals, activities, and products of Rhode IslandView.

The Rhode IslandView website is at <https://riview.uri.edu/>.

Rhode IslandView 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.

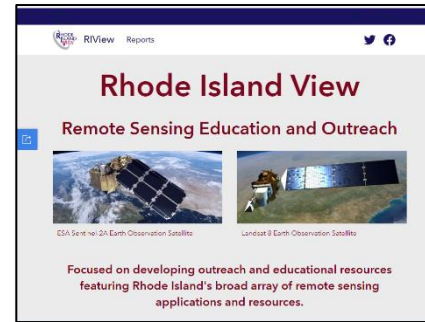


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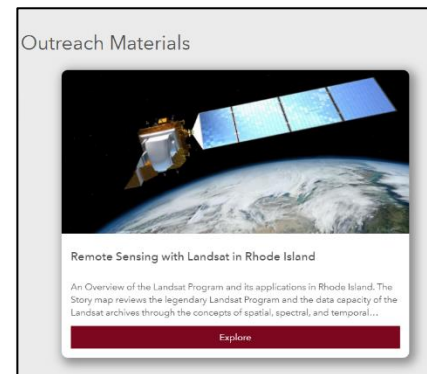
BENEFITS TO RHODE ISLAND

The Landsat Story Map will make Landsat more accessible and enticing to the GIS community, natural resource managers, and the general public in Rhode Island. It features examples of easily recognized geographic features and applications of Landsat in Rhode Island. The Story Map is geared toward a non-technical audience but includes instructions to show GIS practitioners how to find and download Landsat data from the GLoVis website. The description of Landsat data focuses on the practical information needed to determine appropriate uses of the data. The Story Map will enable natural resource and other professionals to better appreciate and utilize the important resources that the Landsat program offers.

The Rhode IslandView activities supported two graduate research assistants during the summer of 2021. They gained valuable experience in learning how to find Landsat data and work with it using Environmental Systems Research Institute (ESRI)'s ArcGIS Pro software. The students developed skills in creating ESRI story maps and communicating technical remote sensing material to a non-technical audience. They will bring the skills and knowledge gained to their professional communities upon entering the workforce.



Rhode IslandView website



Outreach material on Rhode IslandView website

RHODE ISLANDVIEW CONSORTIUM MEMBERSHIP

THE
UNIVERSITY
OF RHODE ISLAND

RIGIS



Federal consortium members identified above do not receive funding from AmericaView.

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