NEW MEXICOVIEW HISTORY AND SUCCESSES

Established in 2008, 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. NMView is administered by the Center for Applied Spatial Ecology (CASE) in the Department of Fish, Wildlife, and Conservation Ecology at New Mexico State University. NMView includes many state and federal agencies, universities, private entities, and non-profit organizations.

New MexicoView seeks to advance the use of remotely sensed data through education, research, outreach, and technology transfer to the public and private sectors in New Mexico. New MexicoView funding has provided training to current and future land and natural resource managers in remote sensing basics and use of satellite imagery. Federal consortium members identified above do not receive funding from AmericaView.

Remotely sensed data are widely used in New Mexico by public and private entities. Some of these uses include natural resource management activities (fire and range management), and conservation of species and biodiversity. A challenge for the New Mexico remote sensing community is to get mapping and monitoring applications developed by USGS, USDA, and other New MexicoView partners into the hands of managers. The New MexicoView consortium is working on methods to bring the research and management communities together in New Mexico.

An example of community building is the collaboration of New MexicoView with The Wildlife Society (Southwest Section and New Mexico Chapter) to support a geospatial advisory committee to provide information to wildlife managers seeking to address ecological questions with remotely sensed data and geospatial technologies. This information includes webinars and articles (see right) about available methods and tools.

Earth Observation Day posters for 2017 and 2018 translated into Spanish by New MexicoView.

Graduate Students Nathan Lopez-Brody (top left), Reza Goljani (top right) and Aracely Tellez (bottom) were awarded New MexicoView Geospatial Scholarships for their use of remote sensing in their graduate research.
NMView worked with the state chapters (AZ, NM, TX) of The Wildlife Society (TWS) and the Southwest Section of TWS in maintaining the Southwest Section Geospatial Advisory Committee. TWS is an international professional society focused on wildlife management and conservation. Participants on the committee represent state agencies, federal agencies, non-governmental organizations, universities and private companies. NMView collaborated with members of the committee to provide a presentation on mobile applications for the Canada/Mexico/U.S. Trilateral Committee for Wildlife and Ecosystem Conservation and Management (https://www.trilat.org/).

NMView is working with Globe Observer’s Land Cover app (“Adopt a Pixel”). We are using current curricula developed by Globe Observer to train personnel on the Land Cover app. This includes workshops given to AmericaView and USGS personnel, and training university students.

NMView completed the Spanish translation of AmericaView’s EOD poster (right and below) and provided a downloadable pdf from the AmericaView and NASA websites.

NMView continues to build its consortium through support of the New Mexico Geographic Information Council.