The topographic wetness index (TWI) identifies potential wetland areas with low slope and high flow accumulation.

In GY19 KansasView completed the development of a statewide wetlands database for Kansas. Developing a statewide wetland database is a collaborative effort among multiple state and federal agencies, including KansasView. This activity supports secretarial priorities by focusing on remote sensing needs at the local and state levels and, by identifying and collaborating with our stakeholders, maintains a relationship of trust between KansasView and local, state, and federal agencies. KansasView leveraged previous wetland mapping efforts to map the remaining 30% of Kansas using statewide flown LiDAR data. Stakeholders have and will continue to use the Kansas wetland database for local and regional conservation efforts. The statewide database is publicly available through the KansasView website and the state data repository. A young professional who graduated in May of 2020 with a degree in remote sensing and geographic information systems was hired to map the remaining wetland areas in Kansas, shown as blue in the map below.

The statewide wetland database was developed using multiple funding sources, including AmericaView (blue). Mapping occurs at a sub-watershed.

Stakeholders for the wetland database include:

- Ducks Unlimited
- Kansas Alliance of Wetlands and Streams
- Kansas Biological Survey
- Kansas Department of Wildlife, Parks, and Tourism
- Kansas Water Office
- Playa Lake Joint Venture

- KansasView also maintains connections with consortium members for potential collaborations in outreach, education, and research.

- KansasView is represented at the GIS Policy Board, a consortium for promoting geospatial technology, acquiring critical geospatial datasets, and funding database development that support the mission and objectives of the Kansas Water Office. Over the years, many of these agencies have provided joint funding for projects partially funded by AmericaView.

- KansasView awards mini-scholarships to students at partner institutions to support remote sensing related education and research activities.

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

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