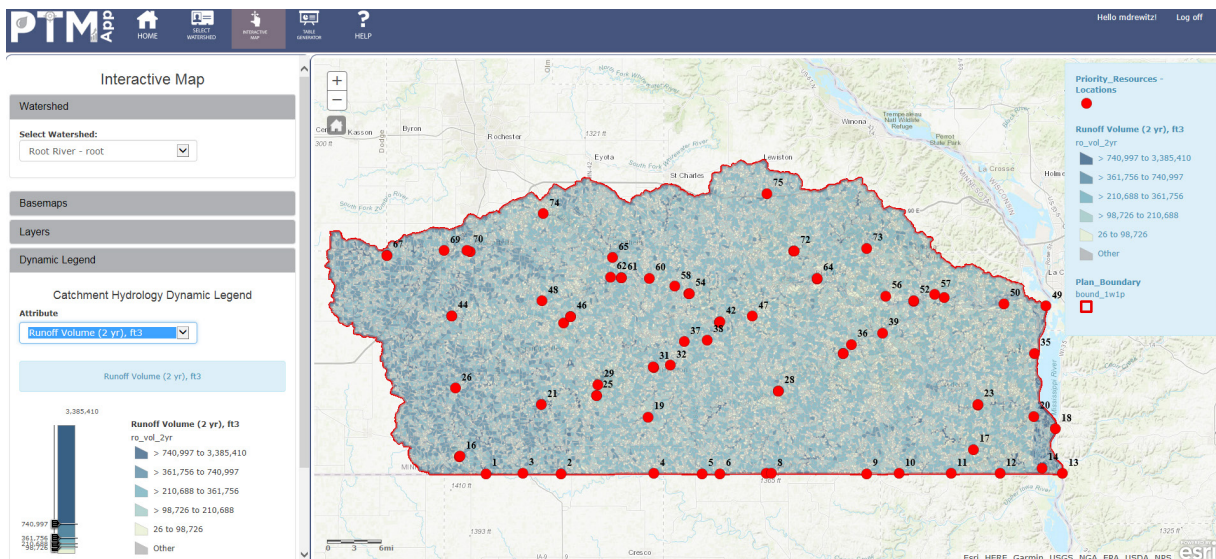


Planning, implementation tool upgraded



Left: A screenshot shows a PTMApp web interface for the Root River Watershed in southeastern Minnesota. **Below:** The Root River flows near Preston, where it parallels the Root River Trail for a stretch. Data soon will be available for other watersheds. **Photo Credit:** Ann Wessel, BWSR

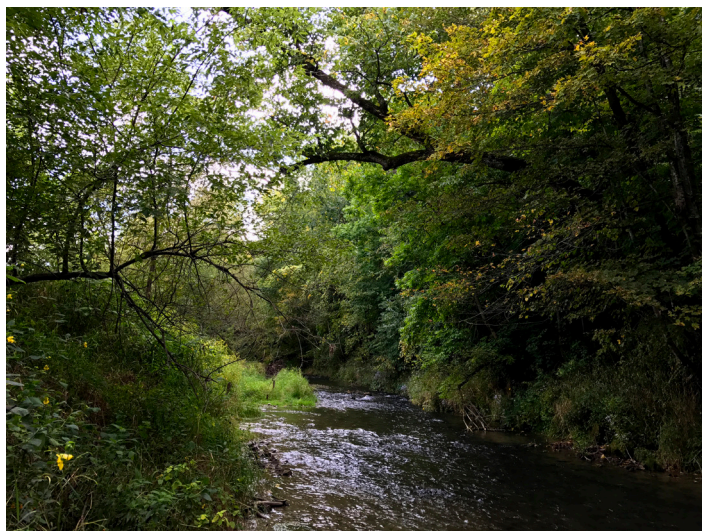
A tool that provides science-based information to support watershed planning and on-the-ground project implementation to help improve water quality in



Minnesota got an upgrade over the past year. The Minnesota Board of Water and Soil Resources (BWSR) —

along with Minnesota IT Services, the State of Minnesota Geospatial Information Office (MnGEO), Houston Engineering Inc. and the International Water Institute — all had a hand in improving the Prioritize, Target and Measure Application (PTMApp) water quality tool.

PTMApp prioritizes water resources of concern



based on scientific data, targets suitable areas for placing best management practices on the ground, and measures what effect those practices have on the water resource.

Two components make up PTMApp: a GIS-based model that creates water-quality model outputs, and an interactive web application to view data via computer or tablet.

The PTMApp web application recently was upgraded to a new, faster, and more secure web environment hosted by MnGEO. With the upgrade came a new web address (<https://ptmapp.bwsr.state.mn.us/>) and user support email. As it continues to improve the user experience, BWSR is considering adding new reporting functions and data layers.

“PTMApp continues to evolve and develop to better meet the needs of BWSR partners in watershed planning, and soil and water conservation. The recent improvements to the PTMApp web application provide a stable platform for current users, and establish the building blocks for expanding coverage of PTMApp data across the state over time,” said Matt Drewitz, BWSR measures and outcomes coordinator.

PTMApp web data is currently available for local government staff in the following watersheds: Cannon River, Sauk River, Root River, Roseau River, Red Lake River, and the Red River of the North-Marsh River. Over the next year, data for additional watersheds will be made available.

For details about PTMApp, contact Drewitz at matt.drewitz@state.mn.us.