

Wiki Watershed

Model My Watershed

About Login

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An online toolkit for water resource managers, conservation practitioners, and municipal decision-makers

Layers

Coverage Grid

National Land Cover Database

Hydrologic Soil Groups From
gSSURGO

Mean Monthly Precipitation

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National Science Foundation
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Model Micro Site Runoff

Explore how land use and soil determine runoff for the Site Storm Model package of Model My Watershed. [Learn more](#)

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Leaf Pack Network®

Discover what aquatic insects can tell you about your stream's health by performing a simple leaf pack experiment.

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EnviroDIY™

Join a community of do-it-yourself enthusiasts sharing open-source ideas for environmental science and monitoring.

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See streaming data from NOAA, USGS, and more. Web app is currently limited to the Delaware River Basin. [Learn more](#)

View Real-Time Data



Water Quality App

Enhance and extend stream study activities and stream monitoring for students and citizen scientists with a mobile app.

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A Web toolkit to support citizens, conservation practitioners, municipal decision-makers, researchers, educators, and students to collaboratively advance knowledge and stewardship of fresh water.

- **Model My Watershed[®]** – Watershed-modeling Web app to analyze real geo-data, model storms and compare conservation or development scenarios in your watershed.
- **Model Micro Site Runoff** – Animated simplified version of site storm model of Model My Watershed.
- **EnviroDIY[™]** – Community of do-it-yourself enthusiasts sharing open-source ideas for environmental science and monitoring. Includes discussion about low-cost data loggers (Mayfly version loggers available from Stroud Center).

- **Monitor My Watershed[®]** – Envisioned Web app for interactive map-based discovery, visualization, and sharing of data from federal, state, academic and citizen sources; and resources to assist citizens to monitor their watersheds using low-cost monitoring approaches based on sound science.
- **Leaf Pack Network[®]** - International network of stream macroinvertebrate monitoring data and accessing resources.
- **Water Quality App[™]** – Data collection tool for tablets and smartphones with digital field guide to basic macroinvertebrates, ability to make sense of chemical and physical stream data, record site profile information, calculate macro PTI, and export data. Send data to a spreadsheet and geo-reference your site. Available at from Google Play and iTunes.

Web Demo and Related Resources

- <http://WikiWatershed.org>
- <https://app.WikiWatershed.org>
- [MapShed](#)
 - <http://www.mapshed.psu.edu/>
- [Stream Reach Assessment Tool](#)
 - <https://www.streamreachtools.org/>
 - [SRAT Mapping Tool](#)