List of Data Products and Visualization Tools Available to the Delaware River Watershed Initiative

The following products and tools were compiled by River Network, The Academy of Natural Sciences, and Stroud Water Research Center. For additional information, please see this informational webinar. Some tools may be available to a broader Delaware Basin audience outside of the DRWI.

River Network offers support for groups interested in creating custom data visualization tools. These tools are free (or low cost), require no coding, and are embeddable directly onto your own website. These include:

- Data dashboards, Storyboards through Google Data Studio (See an example here)
- Mapping Applications through ArcGIS (See an example here)

River Network can offer one-on-one support, webinars or in-depth group trainings, and shared models to groups within the DE basin.

Contact Adam Griggs (agriggs@rivernetwork.org) or see our website for more information.

ANS offers Tracking and Managing your projects via Field Doc & DRWI Dashboard
- This also allows clusters to track Metrics
- Environmental Data Section Lead, Lin Perez ANS_EDS@drexel.edu

When Clusters need to submit data to ANS, they use a data submission form
- Clusters are responsible for QA/QC'ing data, then it is uploaded into the ANS database
- DRWI Cluster Project adjustments & Data interpretation - Science Lead, Dr. Stef Kroll sak345@Drexel.edu

For Data Product Requests & Inquiries
- ANS maintains a database of all Tier 1 DRWI monitoring data, including Integrative, Cluster and Project monitoring sites sampled by ANS, Stroud and Cluster partners. Integrative site data is also publicly available from CUAHSI's HydroShare database after an initial hold period.
- Here is a catalog of available ANS Data Products. It is also available within Basecamp.
- Contact the Data Product Team with requests, ANS_watershedsci@Drexel.edu

WikiWatershed
- http://WikiWatershed.org
- A web toolkit designed to help citizens, conservation practitioners, municipal decision-makers, researchers, educators, and students advance knowledge and stewardship of fresh water
- Includes: Model My Watershed, Monitor My Watershed, Manage My Watershed (in development), EnviroDIY, LeafPack Network, Water Quality App, and Macroinvertebrates.org
- Contact: Scott Ensign, ensign@stroudcenter.org

EnviroDIY
- https://www.envirodiy.org/
- A community for do-it-yourself environmental science and monitoring
- Mayfly data logger is a central focus
- Guidance and help via manual, blog, forum, hardware/software lists, and videos
- Contact: Scott Ensign, ensign@stroudcenter.org or Shannon Hicks, shicks@stroudcenter.org

Monitor My Watershed
- https://MonitorMyWatershed.org
- Data portal, data visualization, data summarization platform
- Accommodates EnviroDIY and LeafPack Network data
- EnviroDIY time series data can be manually uploaded or transmitted in real-time data via cell signal or wifi
- Contact: David Bressler, dbressler@stroudcenter.org

Model My Watershed
- https://ModelMyWatershed.org
- A watershed-modeling web app that allows user to analyze land use and soil data, model stormwater runoff and water-quality impacts, and compare how different conservation and development scenarios affect runoff and water quality
- Auto-delineate watershed boundaries with one click
- Detailed Delaware Basin stream network layer
- Summarize land uses, soil, and other landscape features within user-defined boundaries
- Contact: David Arscott, darscott@stroudcenter.org