

# New/Recently Updated Resources for Data Use in the 303(d) Program

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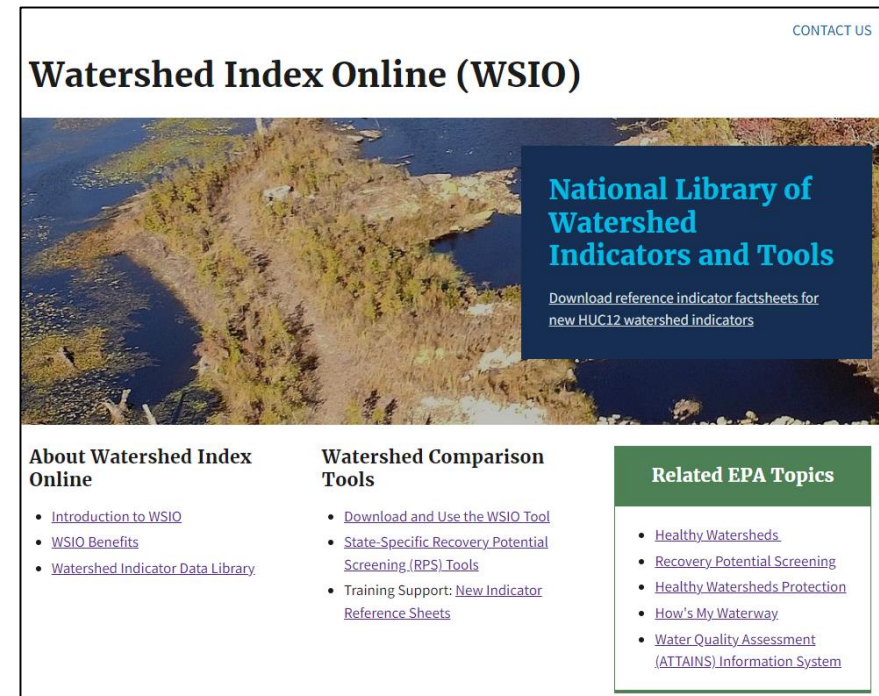
EMILY CIRA

WATERSHED BRANCH

MAY 31, 2022

# Watershed Index Online (WSIO)

- Free, publicly available data library of watershed indicators and a decision-support tool
- Developed by EPA to assist resource managers, citizens, and other users with comparing and prioritizing watersheds for restoration, protection or other user-defined purpose
- Regularly updated, 2021 update included indicators related to:
  - vulnerability to future climate change
  - demographic characteristics
  - Impaired and assessed waters
  - nutrient and sediment yields



**Watershed Index Online (WSIO)**

CONTACT US

**National Library of Watershed Indicators and Tools**

[Download reference indicator factsheets for new HUC12 watershed indicators](#)

**About Watershed Index Online**

- [Introduction to WSIO](#)
- [WSIO Benefits](#)
- [Watershed Indicator Data Library](#)

**Watershed Comparison Tools**

- [Download and Use the WSIO Tool](#)
- [State-Specific Recovery Potential Screening \(RPS\) Tools](#)
- Training Support: [New Indicator Reference Sheets](#)

**Related EPA Topics**

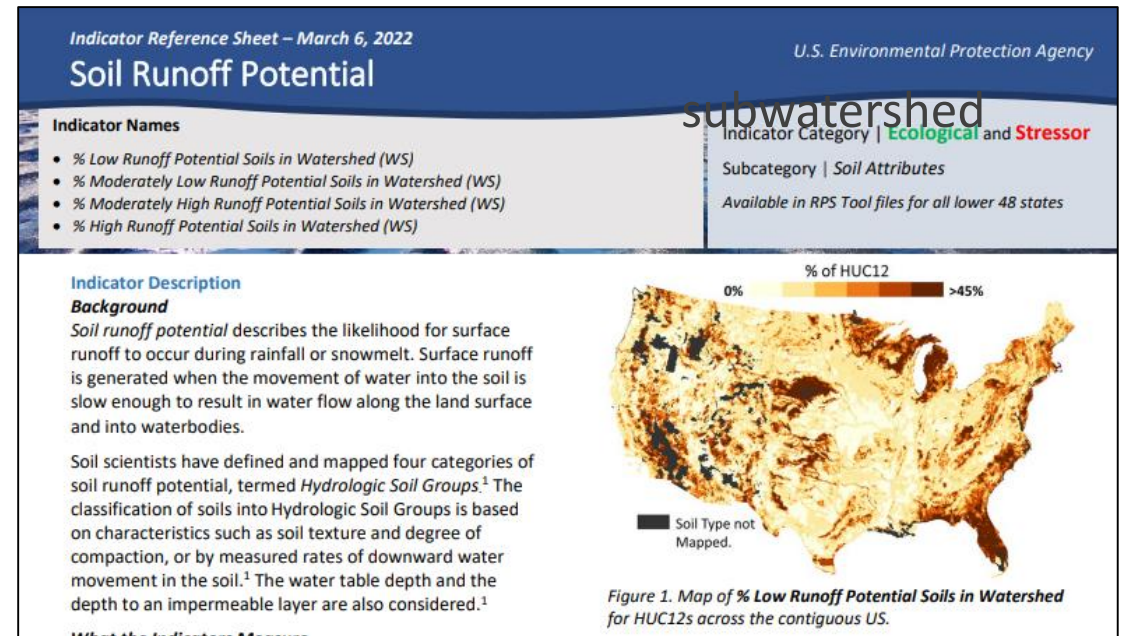
- [Healthy Watersheds](#)
- [Recovery Potential Screening](#)
- [Healthy Watersheds Protection](#)
- [How's My Waterway](#)
- [Water Quality Assessment \(ATTAINS\) Information System](#)

<https://www.epa.gov/wsio>

# WSIO Data Library

- Over 400 indicators, measuring a wide variety of ecological, stressor, and social characteristics of watersheds across the contiguous US
  - Forest, wetland, and other natural land cover
  - Projected changes in precipitation and temperature (new in 2021)
  - Low-Income population (new in 2021)
- 12-digit Hydrologic Unit (HUC12) scale

Indicator reference sheets recently released for select indicators, these and additional resources available at: <https://www.epa.gov/wsio>



# WSIO data access & related tools

WSIO data library accessed by downloading Microsoft Excel or ESRI geodatabase files from the WSIO website or through the WSIO web service

## WSIO Tool

- Online tool draws indicators from the WSIO data library and incorporates additional online maps
- A user-defined set of watersheds in the conterminous states

## Recovery Potential Screening Tool


- Custom-coded Excel spreadsheet, preloaded with watershed data
- Produced for all US states and territories (custom tools can be developed)

*More information on RPS Tool in Session 6: An Introduction to Long-term Planning and Prioritization Tools*

<https://www.epa.gov/rps>

### Downloadable Statewide RPS Tools

You may need additional software to view some of the links on this page. See [EPA's Free Viewers and Readers page](#). The links will vary in file size.



Choose a state from the map above or the pull-down list below. Find your tool copy in your computer's downloads folder, then open it offline in Excel.

Alabama

# ELI Compendium: Evaluating the Water Quality Effects of TMDL Implementation

- Released by ELI after cybertown
- Information compiled from a 2017 questionnaire, follow-up conversations, independent literature reviews
- Highlights the diversity of approaches used, contains resources and lessons learned
- *More information in Session 7: Evaluating the Effectiveness of TMDLs and Other Restoration Plans*

