



# Stream Restoration Default Rates & Climate Resilience Resources

Watershed Technical Workgroup  
September 2, 2021

# STREAM RESTORATION TIMELINE REFRESHER

- Expert Panel Report approved in 2013
- Report was revised after a “test-drive” period in 2014
- Changes in how streams and sediment are simulated in Phase 6 watershed model in 2017
- 4 new memos w/ updates approved in 2019-2020



## CHANGES TO THE SR DEFAULT RATE

The WQGIT approved the Protocol 1 Memo for **urban** SR practices that had the following language regarding use of the lb/linear foot default rates:

“The default rates should never be used for project reporting to the state, and thus should not be accepted as a credit after a new project has been completed. Practitioners should use the recommended new Protocol 1 guidelines above to determine the prevented sediment and nutrient erosion.”

## GRANDFATHERING CLAUSE

To allow time for practitioners to adjust to the changes in the Protocols, it had the following Grandfathering clause:

“The group recommends that all new definitions, qualifying conditions and Protocol 1 methods take effect on July 1, 2021. This “ramp-up” period will allow practitioners the opportunity to adjust to meet the new guidelines set forth in this document. Any projects already in the ground or under contract as of July 1, 2021 should not be subject to the new recommendations, but should adhere to the definitions, qualifying conditions and Protocol 1 calculations laid out in the Stream Restoration Expert Panel Protocols (2014).”



## THE NEED

A cut-off date for progress reporting that is in-line with the Grandfathering language

### **Current Status:**

Stream Restoration Default Rates will no longer be accepted for urban stream restoration projects after **July 1, 2022**.

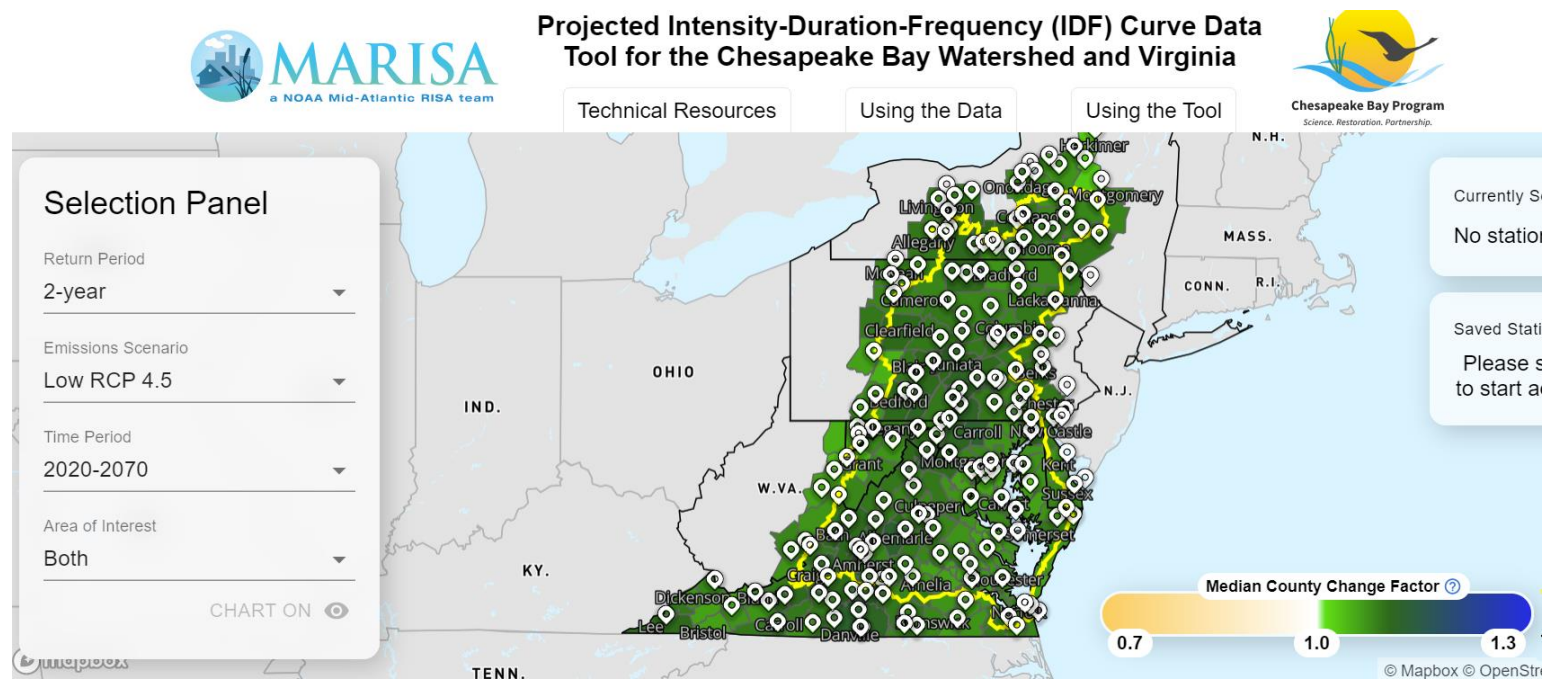
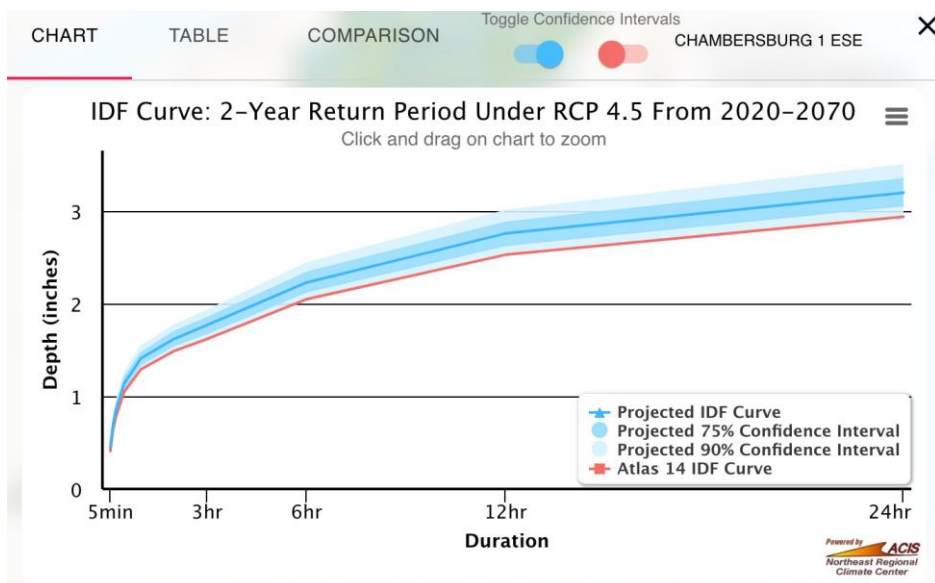


# CLIMATE RESILIENCE TOOLS UPDATE



# TOOL #1: CLIMATE CHANGE-INFORMED IDF CURVES

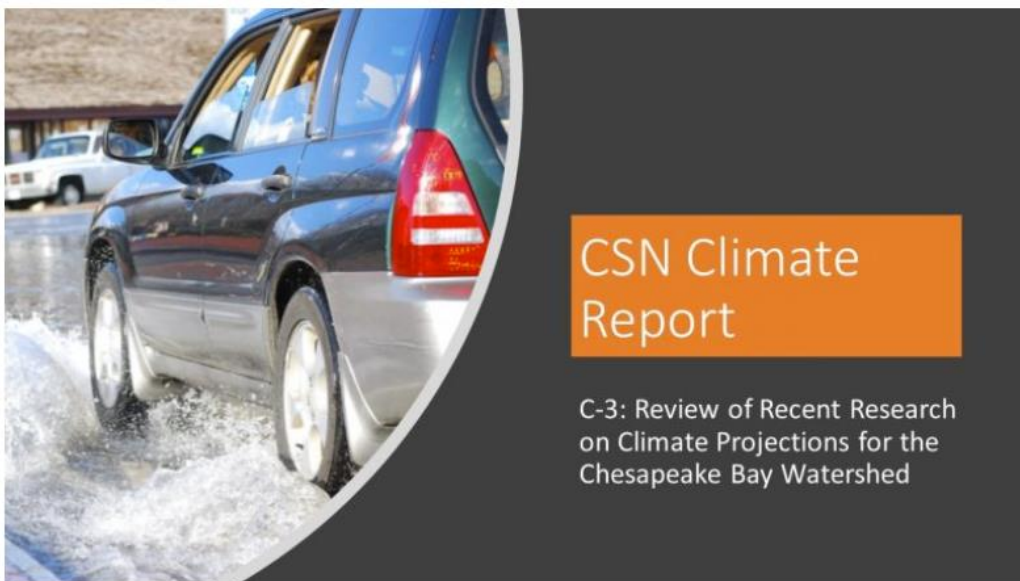
- Data Tool: <https://midatlantic-idf.rcc-acis.org/>
- Webinar: <https://chesapeakestormwater.net/events/projected-chesapeake-idf-curves/>





# TOOL #2: CSN CLIMATE AND STORMWATER REPORTS

- **Reports:** <https://chesapeakestormwater.net/climate-change-and-stormwater-management/>
- **Webinar:** [https://chesapeakestormwater.net/events/bmp\\_vulnerability\\_resilience/](https://chesapeakestormwater.net/events/bmp_vulnerability_resilience/)



C-3: Synthesis of Chesapeake Bay Climate Projections



C-4: BMP Vulnerability Analysis and Resilient Design Considerations





# QUESTIONS?

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