

# Lessons Learned From Comparing Monitored and Modeled Changes in Load

## An Example of Explaining Observed and Expected trends with BMP and Land Change Data.

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# Scope

- 🌐 **Nine River Input Monitoring stations**
- 🌐 **Chesapeake Bay Partnership Watershed Model Results (WSM 5.3.2)**
- 🌐 **WRTDS Flow-Normalized Loads**





# Approach

## 1. Evaluate Model Uncertainty

## 2. Evaluate Change:

-  Observed (Monitored) Vs. Expected (Modeled)

## 3. Evaluate Drivers:

-  Land Use
-  Wastewater
-  Deposition
-  Best Management Practices