

# Monitoring water quality and marsh surface elevation on the Lower Raritan

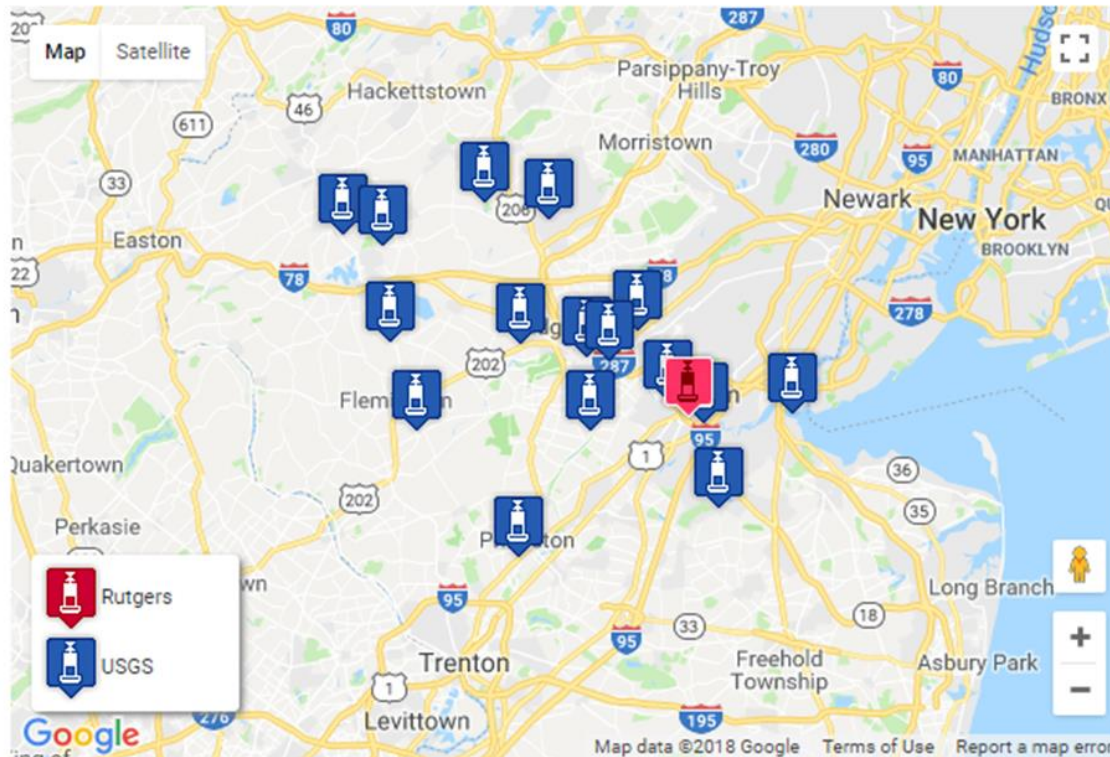
Rick Lathrop

Ecology, Evolution, & Natural Resources

## Raritan River Real-time Hydrological Observatory

Map Graphing Download

<http://raritan.rutgers.edu/rtho>



Selected Stations: Clear All

✕ Rutgers Boathouse

A collaboration between the Department of Marine & Coastal Sciences, the Office of Research Analytics and the Sustainable Raritan River Initiative

## Raritan River Real-time Hydrological Observatory

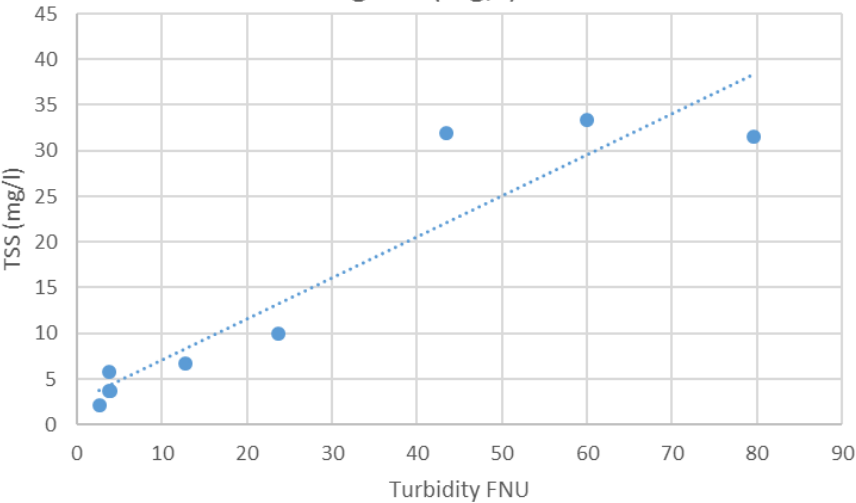
Map Graphing Download

Select Stations

Selected Stations: Rutgers Boathouse

From: 2018-03-01T00:00:00Z To: 2018-04-20T00:00:00Z

Estimating TSS (mg/l) concentration



## Raritan River Real-time Hydrological Observatory

Map Graphing Download

Select Available Stations

- USGS 01460595 Del & Rar Canal at Landing La at New Brunswick NJ
- USGS 01405400 Manalapan Brook at Spotswood NJ
- USGS 01398500 North Branch Raritan River near Far Hills NJ
- USGS 01400000 North Branch Raritan River near Raritan NJ
- USGS 01396500 South Branch Raritan River near High Bridge NJ
- USGS 01405030 Lawrence Brook at Westons Mills NJ
- USGS 01403060 Raritan River below Calco Dam at Bound Brook NJ
- USGS 01400500 Raritan River at Manville NJ
- Rutgers Boathouse
- USGS 01398000 Neshanic River at Reaville NJ
- USGS 01396582 Spruce Run at Main Street at Glen Gardner NJ
- USGS 01399500 Lamington (Black) River near Pottersville NJ
- USGS 01401000 Stony Brook at Princeton NJ
- USGS 01403900 Bound Brook at Middlesex NJ
- USGS 01402000 Millstone River at Blackwells Mills NJ
- USGS 01397000 South Branch Raritan River at Stanton NJ
- USGS 01406710 Raritan River at South Amboy, NJ



From: 2018-03-01T00:00:00Z To: 2018-04-20T00:00:00Z

Download File

Single File

CSV Single File

Zip File

By Station

<http://raritan.rutgers.edu/rtho>

# Are the lower Raritan River marshes keeping up with sea level rise?

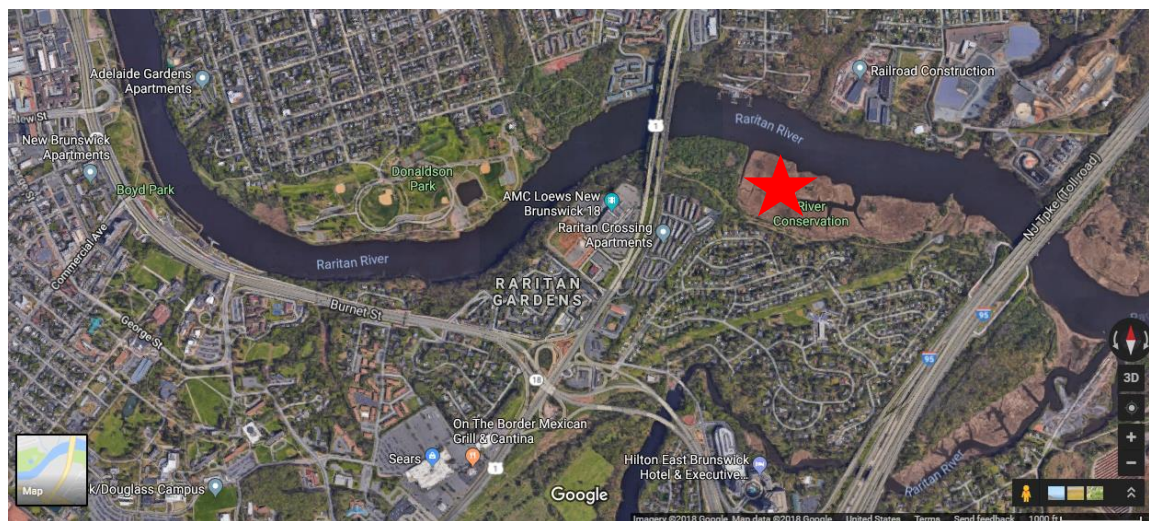
Rutgers is collaborating with NJDEP Coastal Management Program to establish a surface elevation table (SET) on the New Brunswick River Conservation Area to measure vertical accretion in these *Phragmites*-dominated marshes.



SET arm and measuring rods in standing water, Nisqually NWR.



K. Turner (USGS WERC) and G. Guntenspergen (USGS PWRC) reading SET, Nisqually Reference Marsh.



Graphics from <http://www.tidalmarshmonitoring.org>