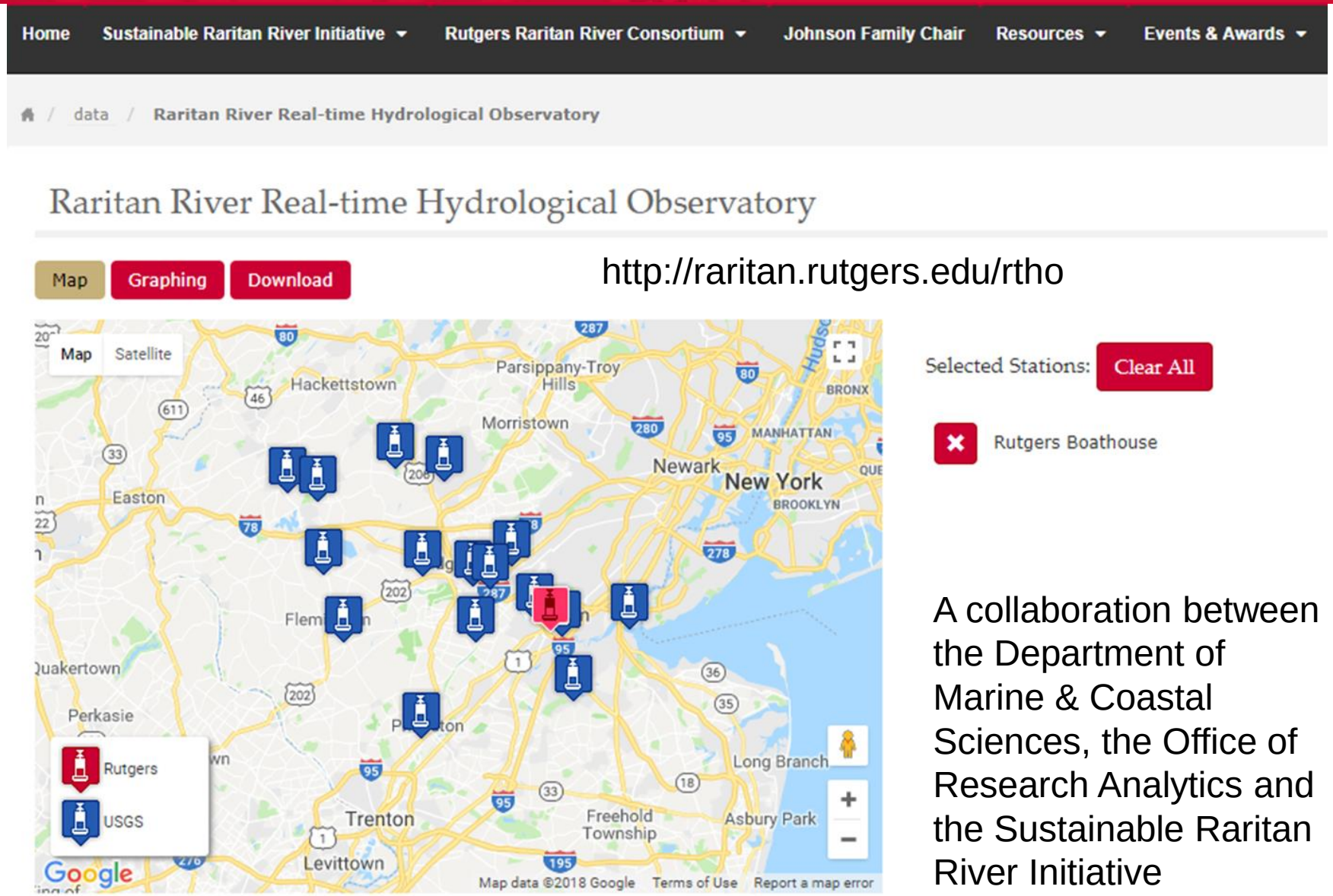
Monitoring water quality and marsh surface elevation on the Lower Raritan

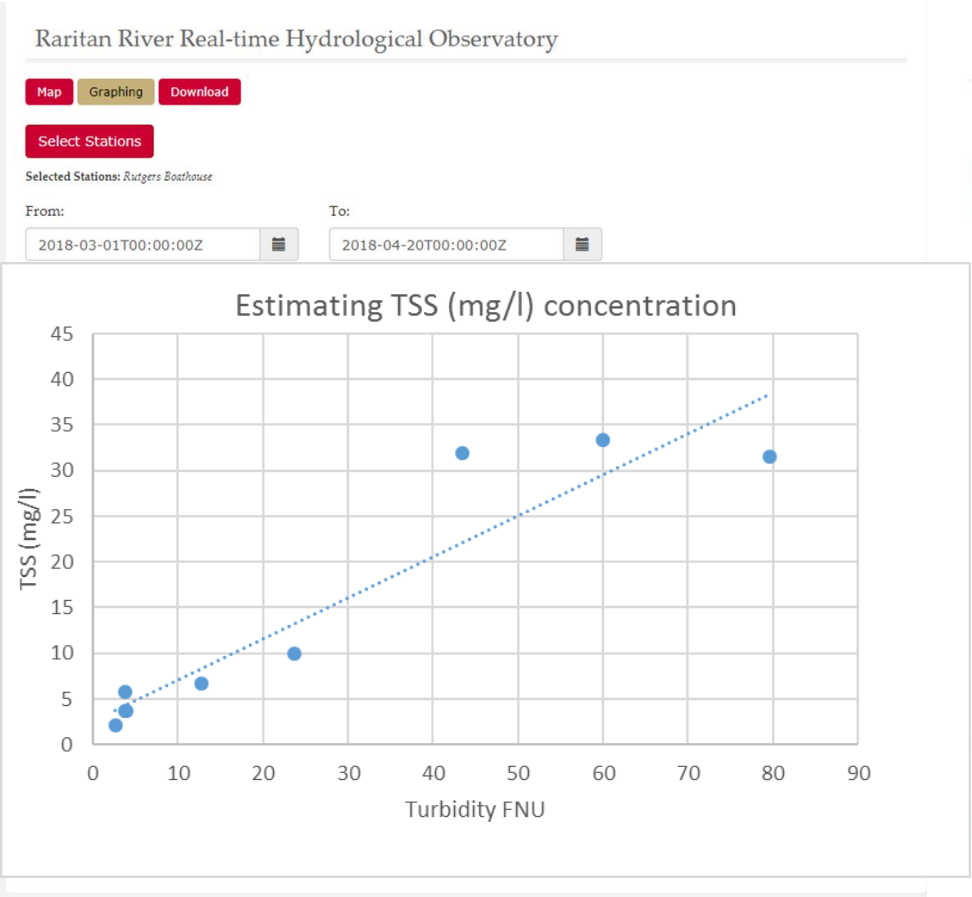
Rick Lathrop

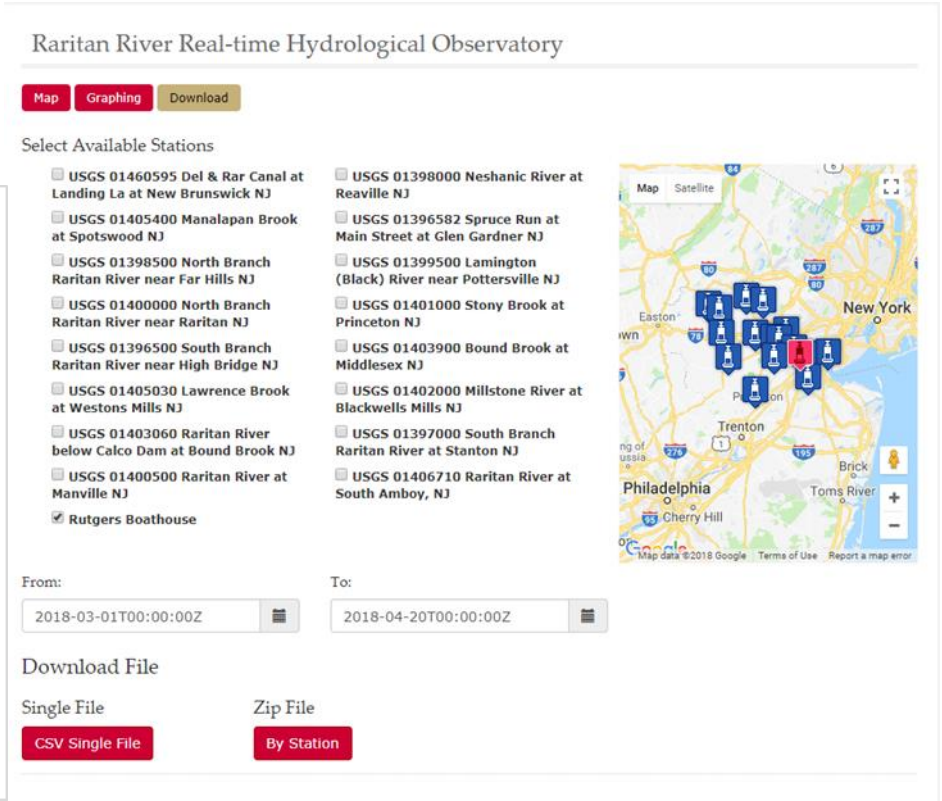
Ecology, Evolution, & Natural Resources



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

Raritan River Initiatives





http://raritan.rutgers.edu/rtho

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

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

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

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.

Graphics from http://www.tidalmarshmonitoring.org