



GaiaXus

Water quality monitoring systems
for citizen science & education

November 2024 at GaiaXus

In November, we wrapped up the season's water quality monitoring with the [Severn River Association \(SRA\)](#). Together with [Captain Tom Guay](#) and SRA volunteers, we collected critical data on salinity, temperature, and clarity at over ten sites, highlighting the impact of this year's drought on the river's ecosystem. Events like this demonstrate the importance of community collaboration and consistent monitoring to protect vital waterways. Thank you, SRA and Tom for letting us participate and run a side-by-side comparison of our Water Guardian with the reference sensors.

Volunteer [Julienne Vinculado](#) recording water quality data. (c)Tom Guay



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Did you know?

The GaiaXus Water Guardian has 4 modes. In "Buoy Mode", it takes a reading at set intervals and can stay submerged down to 10m (30ft) for several days. The data is automatically synchronized when the sensor is retrieved. Here, [Captain Tom Guay](#) ties the Guardian to a boat anchor.



[More tips & tricks](#)

In the community

In November, we participated in the NOAA Sea Grant Marine Debris Symposium, a dynamic event bringing together experts, educators, and community leaders to tackle the growing issue of marine debris. The symposium provided a platform to exchange innovative ideas, share research, and discuss actionable solutions to protect our oceans and waterways.

Collaborations like these energize our mission to combine science, education, and community action for a healthier planet.

Thank you to the NOAA SeaGrant team for organizing this amazing event.

Photo: Marine Debris Symposium (c)Madison Willert, NOAA



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Interested in bringing GaiaXus to your event, classroom, or community? We would love to hear from you!

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