



GaiaXus

Water quality monitoring systems
for citizen science & education

New Feature Spotlight:

Build Custom Data-Collection Experiences

Imagine crafting a complete field or classroom investigation for your learners—students, volunteers, or river-keeper teams—in under five minutes.

The new **Lab Builder** lets you design step-by-step, media-rich protocols that pair perfectly with Water Guardian sensors—no coding, no downloads.

 [See it in action \(2-min demo\)](#)

- **Drag-and-drop design.** Assemble sampling guides, embed quiz questions, and drop in photos or video—all from a web browser.
- **Local by default.** Tailor each lab to *your* watershed, coastal site, or urban stream so participants see their data in context.
- **Runs everywhere you work.** Lab Builder works online in any modern browser; the companion GaiaXus App collects data on any Android phone or tablet.
- **Shareable in seconds.** Syncs instantaneously to GaiaXus App, ideal for pop-up events and citizen science campaigns.
- **Integrates** instruction, learning goals, quizzes and sensor data. And of course, it supports any language

Ready for a deeper dive?

- [Read the full blog post](#) for a walkthrough and implementation ideas.
- Want to experience it yourself? **Reply to this email** or contact info@gaiaxus.com to check it out.



Field Report: Water Guardians in Ohio

A chilly, stream-side morning at Pine Intermediate School [became a living lab](#) when fifth graders used **GaiaXus Water Guardians** to track how tiny doses of salt and wood ash can stress aquatic life.

What happened

- **Hands-on pollution modeling.** Students spiked buckets with road-salt and wildfire ash, then watched conductivity and turbidity rise in real time.
- **Team science in action.** Students worked in teams measuring water, recording data and discussing results.
- **Linking data to life.** After measuring salt levels, groups talked about the impact on macroinvertebrates and amphibians in their own creek

Why it matters

Hands-on activities like this give students concrete proof that *their* local actions affect stream health.

 [Read the full field story](#) and check out if the the Water Guardians could help your education program.



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

Get in touch



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