

Water Quality Monitoring Network for Highly Impacted Urban Headwaters in Metro Atlanta (GA)

Atlanta Global Research and Education Collaborative (AGREC)

FALL 2021 Project Presentation

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FRIDAY, OCTOBER 22

12 NOON - 1PM EST

To address the global issue of water quality degradation from cities, this project has built upon relationships between Spelman College, GSU, NGOs, and community-based watershed advocacy organizations to better identify and address sewage spills in Atlanta. We developed a community-based water quality monitoring network in watersheds totaling 300 square-miles of highly urbanized and densely populated headwaters of two rivers in metro Atlanta, providing greater regulatory effectiveness, better relations between impacted communities and watersheds, and new opportunities to improve both watershed and public health. The Chattahoochee Riverkeeper, American Rivers, and the West Atlanta Watershed Alliance have assisted with creating a system whereby students at Spelman and GSU processed water quality samples routinely collected by community members of the South River Watershed Alliance, Flint Riverkeeper, and ECO-Action.

Launched in 2020 and housed within the Atlanta Global Studies Center (AGSC), AGREC is currently comprised of six universities:

AGSC, a partnership of Georgia Tech and Georgia State University

Emory University's Office of Global Strategy and Initiatives (GSI)

Agnes Scott College's SUMMIT Center for Global Learning and Leadership Development

Spelman College's Gordon Zeto Center for Global Education

Kennesaw State University's Division of Global Affairs

AGREC seeks to build and strengthen collaborative networks of multi-institutional scholars and practitioners to support global research and education initiatives in the Greater Atlanta region.

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