

GIS alumni make waves



Meet four GIS alumni driving real-world change from green policy to sustainable tech through bold, cross-disciplinary action.

Their work spans university research labs, state agencies, and startups, each proving that sustainability thrives where innovation and collaboration meet. Discover how they're shaping a more sustainable future, one breakthrough at a time. [Read more](#)

Global leaders gather at the 2025 REMADE Circular Economy Tech Summit & Conference to advance sustainable manufacturing



The **2025 REMADE Circular Economy Tech Summit & Conference** brought together over 300 attendees committed to advancing a more sustainable global economy. Leaders in sustainable manufacturing from around the world explored cutting-edge innovations driving circularity across industries.

Featuring more than 60 peer-reviewed presentations, the event showcased breakthrough technologies aimed at improving recycling, remanufacturing, and material recovery in sectors such as metals, plastics, electronics, and textiles.

Presenters from the **Golisano Institute for Sustainability**—Nenad Nenadic, Abu Islam, Joha Shamsujjoha, and Brian Hilton—shared applied research in sustainable manufacturing, highlighting work on EV battery recycling, robotic disassembly, high-speed laser cladding, and remanufacturing design tools. [Learn more](#)

News



A vision to harness technology for global good

Sustainability Ph.D. candidate finds purpose at RIT

Tunmise Raji, a recent GIS graduate, focuses his research on using sustainable infrastructure development to drive progress in the Global South. [Read more](#)



Taking an international approach in tackling sustainability

Master's partnership to confront global sustainability issues

The Golisano Institute for Sustainability at Rochester Institute of Technology has partnered with Zurich University of Applied Sciences in Switzerland to launch a dual-degree master's program. [Read more](#)



Seeing beyond a building's walls

New architecture faculty member challenges students

An architect and educator, Amanda Reis wants to inspire students in RIT's master of architecture (M.Arch.) program to practice architecture in a way that is interdisciplinary and community-oriented. [Read more](#)

Upcoming Events



Sustainable Supply Chain Webinar for NYS Manufacturers

June 10, 2025

This free webinar will cover sustainable supply chain principles, cost reduction strategies, and key elements like energy use and waste management. [Learn more](#)



Bridging the Gap Green Chemistry Workshop

July 9, 2025

This free one-day workshop will bring together industry professionals, K-12 educators, and higher education faculty staff. The event will facilitate conversation and collaboration for applying green chemistry practices across all levels. [Learn more](#)



RIC-RIT World Remanufacturing Conference

October 14-16, 2025

This annual conference brings remanufacturers together to build knowledge, increase connections, and create opportunity for the sector. [Learn more](#)

Recent Faculty Research

"Two sides of a coin: Assessing trade-offs between reliability and profit in mini grids and the policy implications for subsidies"

Nathan Williams (co-author, GIS faculty)
Lefu Maqelepo (co-author, 2024 GIS Ph.D. graduate)
Fhazhil Wamalwa (co-author, 2024 GIS Ph.D. graduate)
Jay Taneja (co-author, University of Massachusetts)

"Stochastic Capacity Expansion Model Accounting for Uncertainties in Fuel Prices, Renewable Generation, and Demand"

Naga Srujana Goteti (author, EPRI)
Eric Williams (co-author, GIS faculty)
Eric Hittinger (co-author, RIT professor of public policy)

"Quantitative methodology for poly (butylene adipate-co-terephthalate) (PBAT) microplastic detection in soil and compost"

Thomas A. Trabold (principal investigator, GIS faculty)
Yvan D. Hernandez-Charpak (co-author, 2024 GIS Ph.D. graduate)
Harshal J. Kansara (co-author, current GIS Ph.D. student)
Carlos A. Diaz (co-author, RIT professor of packaging science)

Spotlight



Dynamic addition to our leadership team

Amy Velez has joined GIS as our new **Assistant Director for Business Development**. Amy will oversee relationship management, strategic partnerships, communications, marketing, networking, and external engagement for GIS, and will collaborate with [NYS P21](#) and [COE-ASM](#) on outreach efforts.

Featured Tools and Resources



Case study

Client: Jeca Energy Bar Co. LLC

Elegant press design eases energy-bar maker's manufacturing process to boost output. [Learn more](#)



Interactive tool

The updated Organic Resource Locator (ORL) is a web-based mapping tool that provides information on organic waste resources and utilization pathways in New York State. [Learn more](#)



Industry 4.0 Academy

Empowers New York State manufacturers with the latest technologies like IoT, robots and cobots, AI, and machine learning. This resource provides links to a wide variety of curated content that can help your staff learn at a high level how different technologies can help your business, and also about implementation of particular technologies. [Learn more](#)

Past Edition

- **November 2024:** John Warner joins GIS, Port Authority goes "zero waste," and more
- [View all](#)

