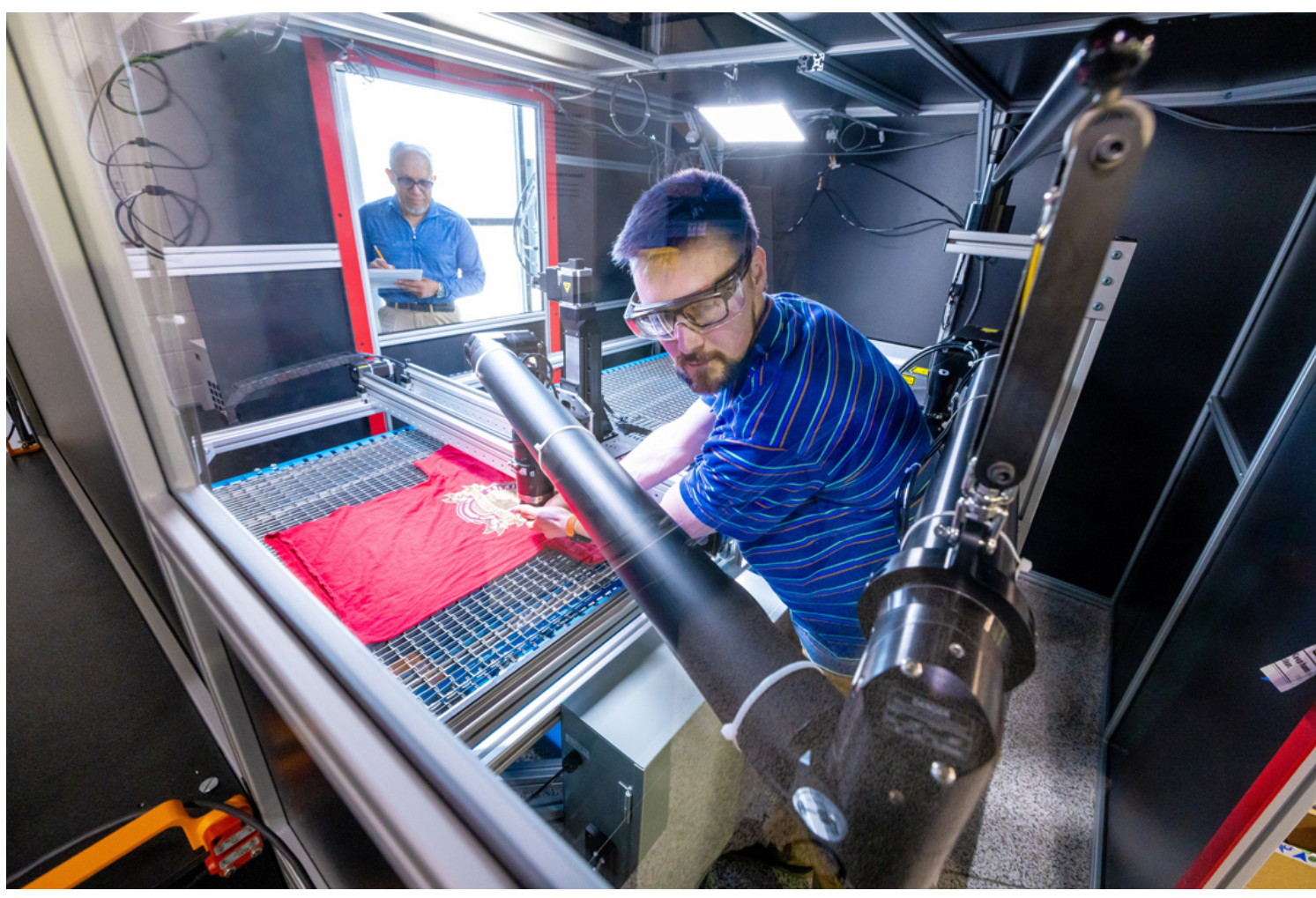


Summer 2025

New RIT technologies help minimize global textile waste



Golisano Institute for Sustainability (GIS) researchers developed an AI-driven system to recycle used clothing by removing non-recyclable parts, helping reduce textile waste and support sustainability. [Read more](#)

News



Establishing a foundation for food scraps diversion programs for multifamily buildings

NYSP2I gathered three experts to share practical advice on how communities can successfully start and maintain food scraps diversion programs in these complex settings. [Read more](#)



New design platform allows engineers to think more sustainably

RIT's PhoenixDFR™ helps engineers design products for remanufacturing by flagging issues early using real-world data, CAD tools, and industry collaboration. [Read more](#)



Sustainability Ph.D. candidate earns Quad Fellowship

Sherry Sneezer, a sustainability Ph.D. candidate at RIT, is studying how clean energy development can support energy sovereignty on tribal lands. [Read more](#)



Operational excellence in action: Glen Copack's journey to scalable manufacturing growth

From inefficiencies to innovation: how RIT's COE-ASM supports inclusive and scalable manufacturing growth. [Read more](#)

Upcoming Events



NYSP2I Food Waste Diversion for College Campuses Webinar Series

September 16 and 23, 2025

A two-part webinar series featuring discussions with program experts about the ins and outs of managing on-site college campus recycling programs. [Part 1](#) | [Part 2](#)



RIC-RIT World Remanufacturing Conference

October 14-16, 2025 | Detroit, MI

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



Innovation Summit

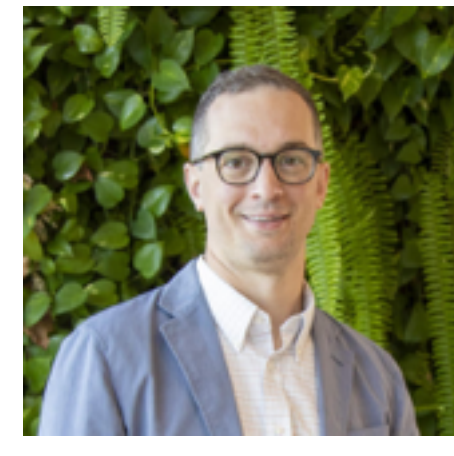
October 28-29, 2025 | Rochester, NY

A multi-day event celebrating innovation and technology in New York State. Featuring the NYSTAR Annual Meeting. [Learn more](#)

Announcements



Welcome **Madalsa Singh**, Ph.D., assistant professor in the department of sustainability bringing expertise in carbon-constrained energy systems. Her research focuses on equitable, place-based strategies to reduce emissions from transportation and electricity, shaped by her academic journey through IIT Bombay, Carnegie Mellon, Stanford, and a postdoctoral fellowship at UC Santa Barbara.



Welcome **Nate Heckman**, AIA, CPHC — our newest visiting lecturer in the department of architecture. Nate earned his BS in Architecture and M.Arch. from the University at Buffalo, where he later taught for five years, focusing on site and climatic design, lighting, acoustics, and building performance modeling. He led UB's Solar Decathlon team to a 2nd place finish and co-authored a NYSERDA guide on climate adaptation in buildings. His research centers on climate-resilient design, Passive House, net-zero energy buildings, and decarbonization.



Thank you, **Dennis Andrejko**, past chair of RIT's Department of Architecture, for 14 years of visionary leadership and unwavering commitment to sustainable design. Your impact has shaped our program and inspired a more environmentally conscious future. We're grateful you'll continue teaching and wish you all the best in this exciting next chapter!

Recent Publications

The Plastic Footprint of U.S. Agriculture

Callie W. Babbitt (GIS faculty)
Katie A. Malarkey (GIS Ph.D. candidate)

Segmenting Consumer Knowledge and Attitudes: Behavioral Insights for End-of-First-Use Electronics

Eric Williams (GIS faculty)
Payam Saeedi (GIS Ph.D. candidate)
Tae Oh (Rochester Institute of Technology)
Stacey Watson (University of Waterloo)
Willie Cade (Graceful Solutions)

Contaminant Investigation and Pre-Processing Opportunities for Textile-to-Textile Recycling

Ryan Parsons (GIS staff)
Abu Islam (GIS staff)
Mark Walluk (GIS staff)
Michael Thurston (GIS research faculty)
Suvrat Jain (GIS staff)

Redefining Design for Remanufacturing: A Practical Methodology for Prioritizing Remanufacturing Design Rules

Brian Hilton (GIS staff)
Scott Nichols (GIS staff)
Frank Zelinger (GIS staff)
Michael Thurston (GIS research faculty)

Spotlight

GIS Faculty Member's "Peace Pavilion" Wins Top Honor at Bethel Woods Art and Architecture Festival 2025



Peace Pavilion, a project by GIS faculty member **Amanda Reis** and collaborator Eduardo Aquino (both of AREA), has been selected as the featured installation for the Bethel Woods Art and Architecture Festival 2025: Build Fest 2 – Peace Rises.

GIS student collaborators: Noah Baldon, Maddy Bortle, Anna-Leigha Clarke, Ryan Denberg, Sydney Fox, Gabriela Hernandez, Mackendra Nobes, Gil Merod, Julia Resnick, and Young Jin Yi. **Additional collaborators:** Ralph Gutierrez, Michael Buffalin, Jim Heaney, and Chris Vorndran.

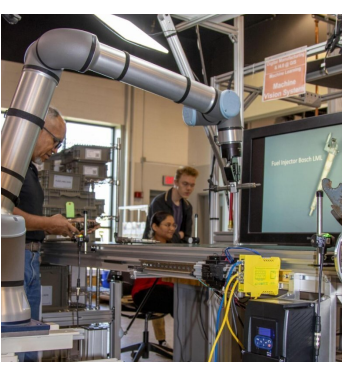
[Learn more](#) | [Festival Information](#)

Tools and Resources



Environmental Sustainability Reporting in New York State

A roundup of New York State sustainability reporting by large companies that pulls out best practices for adoption by small- and medium-sized businesses. [Learn more](#)



Industry 4.0 Video Series

Our Industry 4.0 Transition Assistance Program is designed to prepare manufacturers in New York State for the fourth industrial revolution. Our experienced engineers turn Industry 4.0 possibilities into opportunities based on your company's goals and objectives. [Learn more](#)



Golf Course Sustainability

A set of resources to help golf superintendents adopt best practices for managing water, nutrients, and pesticides on New York State golf courses while maintaining high-quality playing conditions. [Learn more](#)

Past Editions

- **June 2025** | Alumni Drive Change, Global Summit Highlights & Key Events
- [View all](#)

