



SAVE THE DATE

Reconnect Workshop 2023: Risk Assessment

About Reconnect: Reconnect workshops expose faculty teaching undergraduates to current applications of mathematical and computational sciences and provide an opportunity for government or industry professionals to learn about recent research in related areas. The topic will be presented over the course of 4.5 days in a series of lectures and activities. Participants will be involved in activities that they and their students can continue to use and explore after the workshop. They will begin to draft modules that can be used in their classrooms and others around the country.

Where: The Omni Hotel, Providence, Rhode Island

When: June 18-23, 2023

Organizers: Margaret (Midge) Cozzens, DIMACS, Rutgers University; Tamra Carpenter, Rutgers University
Jun Zhuang, University at Buffalo

Primary Speakers: Jun Zhuang, University at Buffalo; Allison Coffey Reilly, University of Maryland;
Seth Guikema, University of Michigan; Auroop Ganguly, Northeastern University

The featured topic for Reconnect changes each year. This year's topic is Risk Assessment.

Risk assessment is an overall process identifying, analyzing, and preparing for potential risks (e.g., natural or man-made disasters), which is extremely important to ensure the continuity of organization operations, and wellbeing of people involved. The goals of risk assessment include: (a) to better understand the vulnerability and the potential impact to the organization and people involved; and (b) to prescribe control measures and contingency plans to minimize the potential impacts.

Reconnect 2023 will review classic methods and tools for risk assessment for various risks and hazards through real-world case studies. Several researchers affiliated with the newly established DHS Center of Excellence, SENTRY, will provide an overview of SENTRY's research mission and offer examples of how they will use risk assessment methods in the center's research. These include allocating resources for disaster management facing adaptive adversaries, deploying "virtual sentries" to protect civilian spaces—so-called "soft targets"—around the country, and several others.

Registration fees, lodging, meals and travel: *Accepted participants from US academic institutions:* registration, lodging in a single room, and meals will be provided at no charge. Limited funds may be available to provide partial support for travel.

Deadline for Applications is March 15, 2023 or until all slots are filled. A link to the online application is provided on the Reconnect webpage (<http://dimacs.rutgers.edu/events/details?eID=2350>) and will be available by December 2, 2022. Applications must be submitted online and will be reviewed as they are received. Preference will be given to Community College faculty.

For more information: Contact Isha Cole-Glaster or Midge Cozzens (ishadc@dimacs.rutgers.edu or mcozzens@dimacs.rutgers.edu) or visit the Reconnect webpage on the DIMACS website.