



US EPA Campus RainWorks | University of Texas at Arlington

Friday, October 7, 2022 (8:15 am – 3:30 pm)

Register: <https://forms.gle/pBs43wcJUeKAE3AdZ>

Charrette overview

The Campus RainWorks Charrette is a day-long event funded by the U.S. EPA that will bring together UTA campus leadership with faculty, staff, students, and key stakeholders to discuss green blue infrastructure and water planning on campus – linking it to climate change, connectivity, livability, open space design, and environmental quality. Participants will learn about campus leadership and student work on green-blue infrastructure, discuss shared goals and values to guide upcoming campus planning and design efforts, and explore opportunities for watercourse restoration, watershed management and biodiversity, with a focus on Trading House Creek. Participants will have an opportunity to learn from expert presentations, engage in small group discussions, and share their ideas for the future of green-blue infrastructure research, campus planning, and education.

Objectives

- Explore current needs and opportunities to advance green-blue infrastructure, climate resilient design and implementation,
- Foster communication between key campus, city, and metropolitan area community and stakeholders, and
- Explore environmental, economic, and social benefits of green-blue infrastructure for the campus, community, and watershed.

Invited participants

- Faculty and students (UT Arlington and regional academic institution representatives)
- Center for Metropolitan Density (CfMD), UTA Office of Sustainability, and UTA Facilities staff
- City of Arlington staff, residents, and community members
- State and Federal agency participants
- NCTCOG and its Public Works Council; Regional Center of Expertise (RCE) of North Texas
- Local consultants who work on drainage, water quality, climate resilient design, and implementation

What is green infrastructure?

“[Green infrastructure](#)” refers to a variety of practices that restore or mimic natural hydrological processes. While “gray” stormwater infrastructure is largely designed to convey stormwater away from the built environment, green infrastructure uses soils, vegetation, landscape forms, and other media to manage rainwater where it falls through capture, storage, and evapotranspiration. By integrating natural processes into the built environment, green infrastructure provides a wide variety of community benefits, including reducing stormwater flooding impacts, improving water and air quality, reducing urban heat island effects, creating habitat for pollinators and other wildlife, and providing aesthetic and recreational value.

Campus RainWorks Challenge

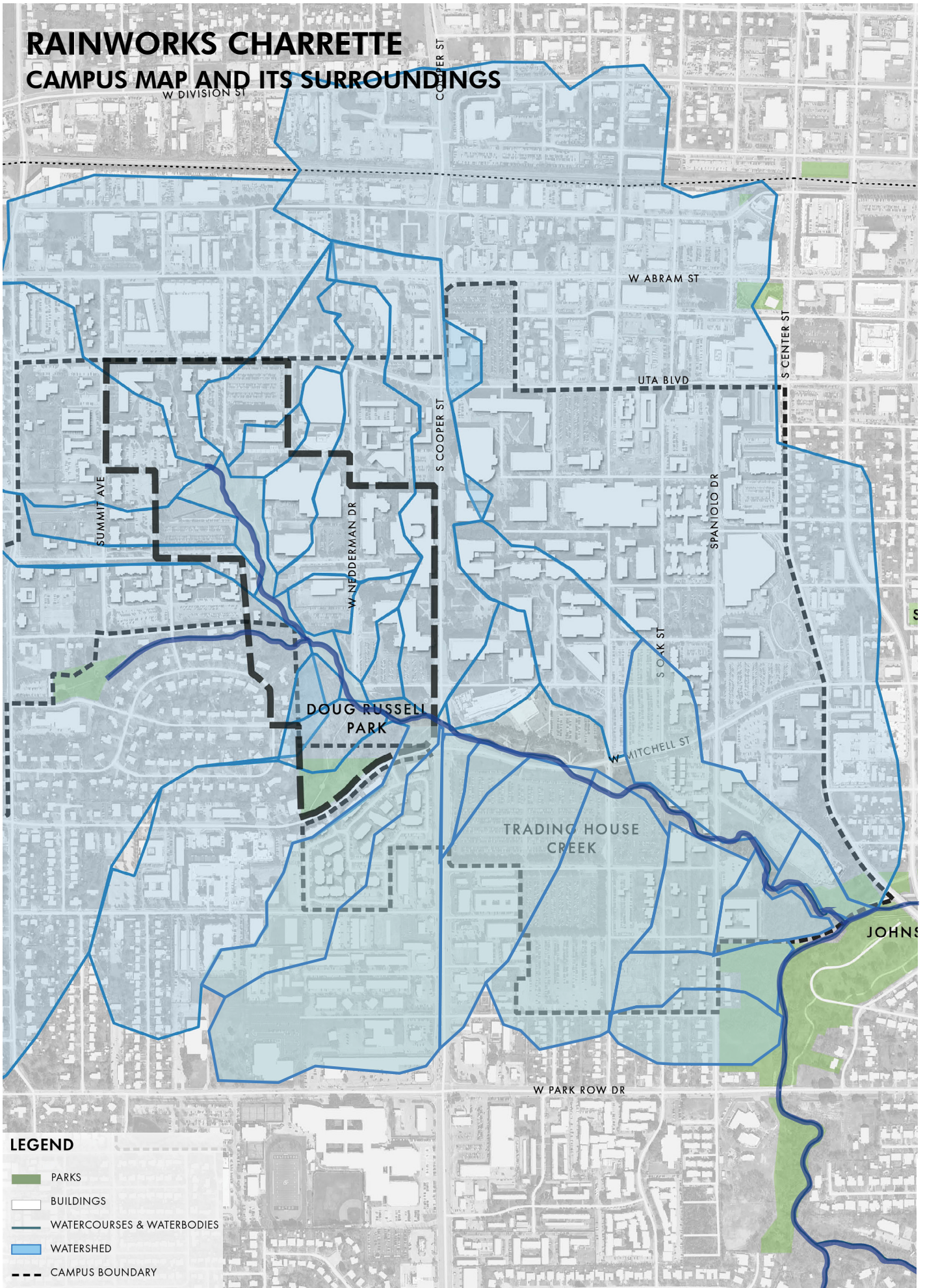
The [Campus RainWorks Challenge](#) is a green infrastructure design competition for American colleges and universities organized by the U.S. EPA that seeks to engage with the next generation of environmental professionals, foster a dialogue about the need for innovative stormwater management techniques, and showcase the environmental, economic, and social benefits of green infrastructure practices. The Campus RainWorks Challenge invites students to be part of the solution today and in the future.

Contacts

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RAINWORKS CHARRETTE CAMPUS MAP AND ITS SURROUNDINGS



LEGEND

- PARKS
- BUILDINGS
- WATERCOURSES & WATERBODIES
- WATERSHED
- CAMPUS BOUNDARY

