

## Engaging the Altruistic and Scientific Community for Disaster Resilience

Disasters are occurring more frequently, with climate change increasing the likelihood and magnitude of impacts for every community. In most communities the first responders are not government or emergency management. The first responders and often the first line of support post-disaster are neighbors, friends, and community organizations. The community's role, from providing volunteers to sending food and water to providing large amounts of funding, will become a more important aspect of adapting to a changing climate. How will this "altruistic community" manage this rise in need for their services? How will our local communities manage continual crises, or a pandemic while still recovering from a hurricane, or a fire while still rebuilding from last year's fire? How can we as scholars across disciplines understand and support grassroots resilience? Understanding these efforts intersects with theories of environmental justice and social equity as the growing need for social services, hazard mitigation, and disaster recovery rests in the hands of nongovernmental actors. In this presentation, I discuss the challenges and opportunities facing our altruistic efforts to support each other during crises as well as the convergent science opportunities in this space. I draw from my research across 12 interdisciplinary, NSF-funded projects to discuss the importance of incorporating community engagement and supporting local community capacity in resilience.