



We are a diverse and dedicated team, comprised of physical and social scientists, community leaders, outreach professionals, and students, united by the common goal of fostering climate resilience and promoting health equity in the Carolinas.

Addressing our compounding climate challenges



Flooding in a heat-prone Durham, NC neighborhood

We are working with rapidly urbanizing and gentrifying communities like **Durham, NC** to understand where physical climate hazards like flooding and drought intersect with other social and environmental stressors, such as aging stormwater infrastructure, to understand 'compound risk' at the community scale.

In **Fountain Inn, SC**, our team played a key role in integrating social vulnerability and heat risk into the recently adopted INNvision Comprehensive Plan, among the first of its kind in South Carolina.

Engaging with Carolinas communities

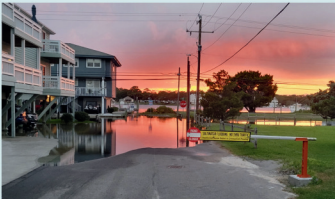


Sharing climate hazard information with our CMD's Pantry Partners

We are committed to raising awareness about the connections between climate change, health, and equity, empowering individuals and communities to take action. Through workshops, trainings, and public events, like at the **2024 Farmworker Institute at the United Church of Chapel Hill, NC** we aim to build capacity and inspire collective action towards a more resilient and equitable future.

Our team is collaborating with local leaders from the Cellis Major Driffin/Cedric Moses Driffin (CMD's) Pantry from **Kingstree, SC**. We gathered and shared and contextualized data on hurricane, heat, and flood disasters, food insecurity, and recovery.

Co-developing solutions and transferring knowledge



High-tide flooding in Carolina Beach, NC

Our approach is collaborative and inclusive. We engage with local partners, like the coastal communities of **Down East, NC** and **Carolina Beach, NC** to co-develop innovative projects tailored to address the unique needs of each community. We are addressing the lack of local flood risk data and capacity constraints. We have received funding through the **Bipartisan Infrastructure Law** to work with our sister CAP/RISA team, Pacific RISA. This project will enable equitable adaptation to changing coastal flood risks through community-engaged flood modeling in North Carolina and Hawai'i.

Building and sustaining partnerships to foster resilience in Frontline communities



Meeting with our EBCI partners

We are working on a 5-year tribal-led partnership with the **Eastern Band of Cherokee Indians** to develop a comprehensive Climate Action Roadmap for Tribal Government. This roadmap employs a dual approach, engaging both top-down and bottom-up methodologies to actively listen and learn from tribal government, entities, and community members.

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