

Building an Educative Resilience Generating System

EXACERBATING PRE-EXISTING CONDITIONS CONTRIBUTING TO VULNERABILITY

Low-income, flood-prone neighborhoods

Incomplete STEM & place-based knowledge of why it floods.

Trust issues – Need for sustained relationships between sender and receiver (kin and social networks)

Digital divide – lack of internet resources

Sense of marginalization or lack of empowerment



Kids Teaching Flood Resilience (KTFR), a non-profit, research-based initiative of the USC Center for Science Education, is an Educative Resilience Generating Service that seeks to position historically marginalized youth in schools, churches, and community associations as stakeholders in the City of Charleston's sea level rise and flood resilience strategy.

KTFR has received a Weather Ready Nation Ambassador Certificate of Excellence from NOAA's National Weather Service.

© Merrie Koester, Ph.D., Founder, Kids Teaching Flood Resilience
USC Center for Science Education

ACTIONABLE GOALS

Partnership with City government, schools, churches, community associations, and higher education researchers

Capacity building training with/for youth leaders

Design, develop, & implement programs for youth to become flood resilient, weather ready ambassadors.

Document the innovation potential of the program to persuade and inspire families in vulnerable, flood-prone neighborhoods to 1) GET HURRICANE SMART & 2) Step up, Get Ready, & Respond.