



The Initiative on Coastal Adaptation and Resilience
Invites you to attend:
Community Climate Change Education Series 2021

January 27, 2021, 7 pm – 8: 30 pm

**Community Resiliency Information System (CRIS) - Technology-enhanced Community
Engagement and Data Collection & Viewing Tools & Strategies**

A presentation by

Dr. Barnali Dixon
Professor of GIS
Executive Director, iCAR

Our ability to cope with disasters varies from individual to individual and community to community. Resiliency and effective/timely recovery efforts require comprehensive planning at the neighborhood level before and after a disaster occurs. This cannot be done without understanding the unique needs of diverse neighborhoods. Hence, we developed a multi-modular crowdsourced Community Resiliency Information System (CRIS). CRIS, integrated with webGIS allows scalable and customizable information to facilitate localized decision making using information generated “by the people”, ensuring participation of diverse communities. CRIS can identify neighborhood level socioeconomic and biophysical vulnerabilities, which can then be combined with crowdsourced data using embedded survey tools to identify unique needs of each community in the context of preparedness, resiliency and adaptation. This talk will discuss CRIS and data collected and distributed via CRIS and share some preliminary findings and future goals.

This event is free and open to the public.

Pre-register here:

The ZOOM link for the presentation will be emailed directly to you following registration.



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