iCAR PHASE VI

TECH FIX: HOW CAN TECHNOLOGY HELP US INVESTIGATE, COMMUNICATE AND SOLVE CLIMATE PROBLEMS AND FOSTER RESILIENCE?

November 12 & 13
USF St. Petersburg

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DAY 1: November 12	Zoom Access	Tentative Agenda
9:00 am	**Click here to access the sessions** 9:00 – 11:00 am Webinar id:95678781304 (Day 1, Session 1)	**WELCOME by Thomas Frazer, Dean, College of Marine Science, USF** **Overview of iCAR: Barnali Dixon,** iCAR Executive Director **Overview of the Workshop: Rebecca Johns,** iCAR Director of Education and Outreach
9:15 am		**Keynote Address: Vision of Resilience and Adaptation** • **Rob Moore (**Natural Resources Defense Council**)**
10:00 am		**Panel Discussion: Technology Applications for Climate Change Modeling and Resilience** • **Thomas Wall** (Engineering & Applied Resilience Argonne Lab) Climate Modeling • **Shannon Carroll** (AT&T) Overview of AT&T's Initiatives on Climate Change and Resilience • **Andrea Brands** (AT&T) AT&T Foundation's Efforts to Build Partnership to Promote Resilience
11:00 am		**Break**
11:15 am	**Click here to access the session** 11:15 am – 12:00 noon Webinar ID: 94956723439 (Day 1, Session 2)	**Keynote Address: NASA Disasters Program: Risk Reduction and Resilience Applications** • **David Borges (** NASA Applied Sciences Disasters Program **)** **Mark Rains (USF) moderator**
12:00 pm		**Break**
1:00 pm	**Click here to access the sessions** 1:00 – 2:00 pm Webinar ID: 94053934810 (Day 1, Session 3)	**Panel Discussion: Role of Social Media in Resiliency and Disaster Response** • **Neil Dufty** (Molino Stewart Pty Ltd, Australia) Using Social Media to Build Community Disaster Resilience • **Can Aydin** (Dokuz Eylul Universi, Turkey) Improving Disaster Resilience Using Mobile Based Disaster Management System • **Amir Forati & Rina Ghose** (UWM) Examining Environmental Inequalities Through Social Media Analysis: Case Study Hurricane IRMA **Amber Boulding (City of St. Pete, EMS) moderator**
2:00 pm		**Panel Discussion: Technology-enhanced Community Engagement and Data Viewing Tools & Strategies** • **Barnali Dixon, & Rebecca Johns**. (USF- iCAR) Community Resiliency Information System (CRIS) • **Monica Schoch-Spana (**Johns Hopkins University**)** Self-Assessment Toolkit • **Margaret Palmsten (**USGS**)** Total Water Level and Coastal Change Forecast Viewer
3:00 pm		**Break**
3:30 pm	**Click here to access the session** 3:30 – 4:30 pm Webinar ID: 96976008975 (Day 1, Session 4)	**Panel Discussion: Technology Applications: Tracking Sea Level Rise, Extreme Wet Weather, and Sanitary Sewer Overflows** • **Steven Meyers** (USF) Hindcasting/Forecasting Future SSOs • **Marcus Beck** (TBEP) Open Science Tools to Inform Utilities Operators • **Kira Barerra (**St. Pete) Flow Metering, Dogs, & Lateral Rebates • **Sara Isaac (**Marketing for Change) Private Lateral Maintenance Behavior Change Campaign **Maya Burke (TBEP) moderator**
4:30 pm		**Adjournment**

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Time	Access	Content
9:00 am	**Click here to access the sessions** 9:00 am – 11:00 am Webinar ID: 99396902996 (Day 2, Session 1)	**Welcome to Day 2** **Overview of the Workshop: Rebecca Johns,** iCAR Director of Education and Outreach
9:05 am		**Keynote Address: Review of Smart Technologies and Geospatially Integrated Technologies to Assist Communities Plan, Prepare and Adapt and be Resilient** • **Bandana Kar** (Oak Ridge National Laboratory)
10:00 am		**Panel Discussion: Smart Technologies and Communities:** • **Phillip Bane (**Smart Cities Council**),** Overview of Smart Cities and Smart Technologies • **Cassandra Borchers** (PSTA) Smart Transit and Evacuation Plan
10:45 am		**Break**
11:00 am	**Click here to access the sessions** 11:00 am – 12:00pm Webinar ID:96624306177 (Day 2, Session 2)	**Panel Discussion: Ensuring Access: Opportunities and Limitations through Technology** • **Alison Barlow** (St. Pete Innovation District) Digital Inclusion and Inequity • **Sharon Wright** (City of St. Pete) Desktop Environmental Justice • **Brother John Muhammad** (Childs Park) Community-based Initiative for Environmental Justice
12:00 Noon		**Break**
1:00 pm	**Click here to access the sessions** 1:00 pm – 2:00 pm Webinar ID: 93784366901 (Day 2, Session 3)	**Panel Discussion: Regional Resilience Action Plan Report from TBRPC** • **Cara Serra** (TBRPC) Regional Resilience Action Plan and Metroquest • **Simone Chapman** (TBRPC) Integrating Equity Goals into the RRAP and the REACH **Polling by Cara Serra**
1:30 pm		**Integrative Coastal Vulnerability Assessment and Modeling** • **Steven Fernandez** (USF) King Tide Modeling
2:00 pm		**Break**
2:30 pm	**Click here to access the sessions** 2:30 pm– 4:30 pm Webinar ID: 93637408557 (Day 2, Session 4)	**Panel Discussion: Technology for Coastal Assessment, Climate Solutions & Fostering Resilience** • **Alvan Karlin & Raymond Miller Jr.** (Dewberry) New Technologies for Coastal Topobathymetric Lidar Data Collection • **Jeff Gangai** (Dewberry) New Technologies for Coastal Storm Surge Modeling • **Siddharth Pandey & Raymond Miller Jr.** (Dewberry) Using Advanced GIS Technologies for Post-disaster Recovery • **Sue Kriebel** (City of Virginia Beach) Sea Level Wise in Virginia Beach
3:45 pm		**Breakout Session and SWOT Analysis: Status of information flow and connection between technology use and resilience at the community level** • Evacuation planning • Infrastructural Issues (Including Power Restoration, Cooling Rooms, Heat Island) • Environmental and health hazards **Bandana Kar** (Oak Ridge National Laboratory) Moderator
4:30 pm		**Closing Remarks** by **Barnali Dixon** Executive Director of iCAR