



Southeast Florida Regional Climate Change Compact and Activities Update

Climate Change Task Force Meeting
May 16, 2019

Environmental Planning and
Community Resilience Division



Overview


- Building Codes for Resilience
- Resilient Procurement RCAP Workshop
- Unified Sea Level Rise Projection Update
- Economic Resilience
- RMS Resilience Conference
- Southeast Energy Alliance Grant

Building Code for Climate Resilience

March 13 – Implementation Workshop

➤ Discussion:

- Compliance is far from certain
- Inspectors are overextended
- Need for additional training
- Energy is especially problematic
- Opportunities to bolster requirements



MAR
14

**RCAP Implementation
Workshop: Building Codes
for Climate Resilience**

by Southeast Florida Regional Climate
Change Compact

\$10

↑ ♥

Tickets

Building Codes for Climate Resilience, 3/14

Highlights:

- Institute for Market Transformation's report on commercial code auditing for State of Florida (March 2020)
- Suggest audits for efficiency of generators, use of lighting timers, and energy code compliance
- Retraining needed for contractors and inspectors
- Energy code not being fully enforced due to lack of ownership of separate code and staffing limitations
- 19 power plants avoided in South Florida because of energy code.



Power of Procurement for Low-Carbon, Resilient Communities

March 10 – Implementation Workshop

- Fuel Efficient Fleets
- Community and Public E/V Programs
- Resilient Infrastructures Standards
- Procurement Processes
 - Regional procurement
 - Incentives
 - Piggyback Agreements
 - CCNAs
- Compliance, Transparency and Tracking

Procurement Considerations

- Life cycle needs for adaptation
- How to better employ the CCNA process
- Cross organization participation
- Need for persistence
- Cost benefit analysis and tracking
- Toolkits and Checklists
 - The Atlas Procurement Toolkit
 - Capital Project Planning



Sea Level Rise Projection Update

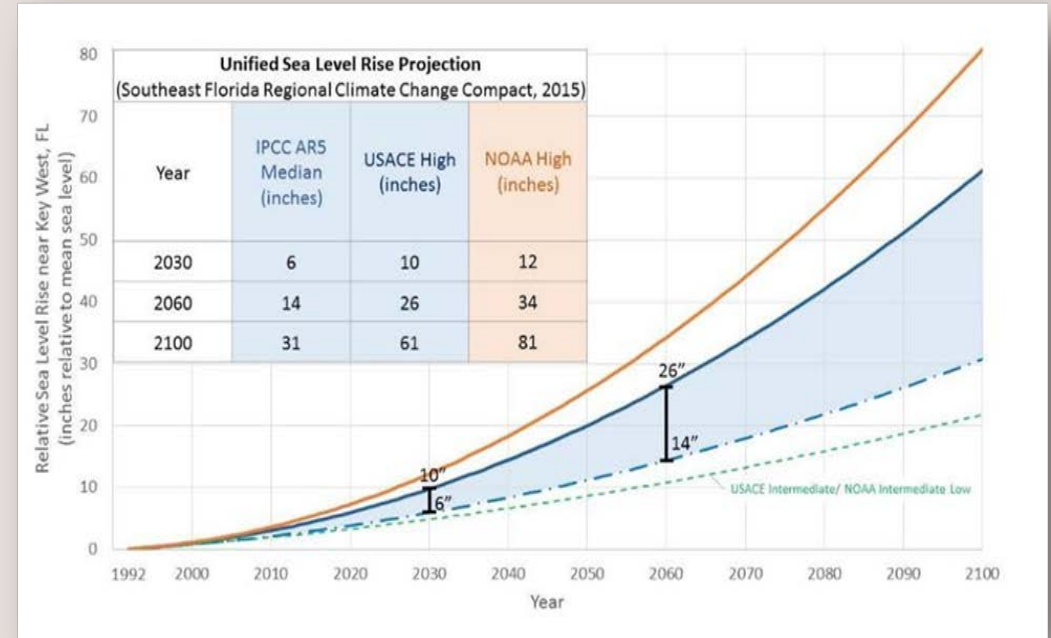
➤ Participation:

- Co-chairs: Danchuk and Obeysekera
- Diverse Work Group / Advisory Committee
- Timeline: Adoption in 2020

➤ User Survey

- Planning Applications:
LMS, Comp Plan, Stormwater
- Support for current format and guidance

➤ Early expectations: similar curves, longer projection, shift in mid-term reference



Economic Resilience

➤ May 3, 2019 – Regional Work Group Meeting

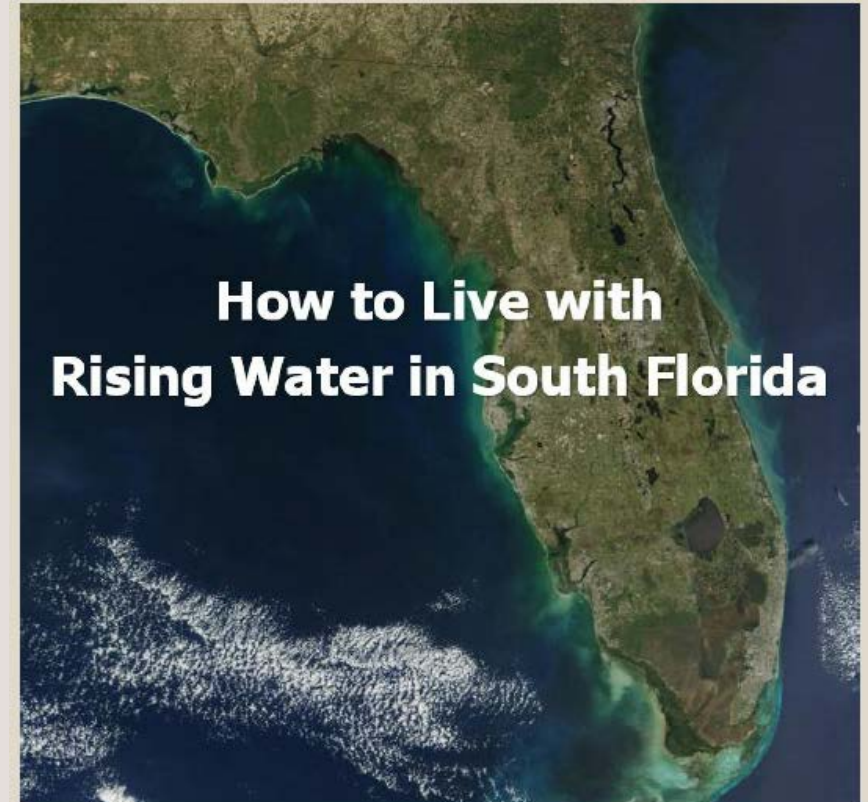
➤ Agenda:

- Stage Setting – Water Management and Review of Work Group Priorities
- USACE Investments in Coastal Risk Reduction and Resilience
- Resiliency Planning in Water Management Planning and Operations
- The Business Case for Resiliency



Additional Activities

- May 10, 2019 - Broward Workshop Annual Retreat
 - Resiliency Panel
 - Funding Commitments
 - Identification of Resilience Liaison
- May 21, 2019 – Broward Workshop - How to Live with Water
 - Henk Ovink – Special Envoy
 - Moderated Resilience Panel



HENK OVINK

Henk Ovink was recently appointed by the Dutch Cabinet as the first Special Envoy for International Water Affairs for the Kingdom of the Netherlands.

"Worldwide, water is the connecting issue, the number one global risk and the opportunity for comprehensive cultural change"

Outcomes and Next Steps

- Joint commitment to collaboration and integration of:
 - USACE SACS, Level of Service Studies, Local Planning
- Colonel Kelly commitment to continued engagement with Work Group
- Agreement to coordinate on framing of federal “ask”
- Coordinate support for organized outreach/education
- Joint development of 1-pager on resilience

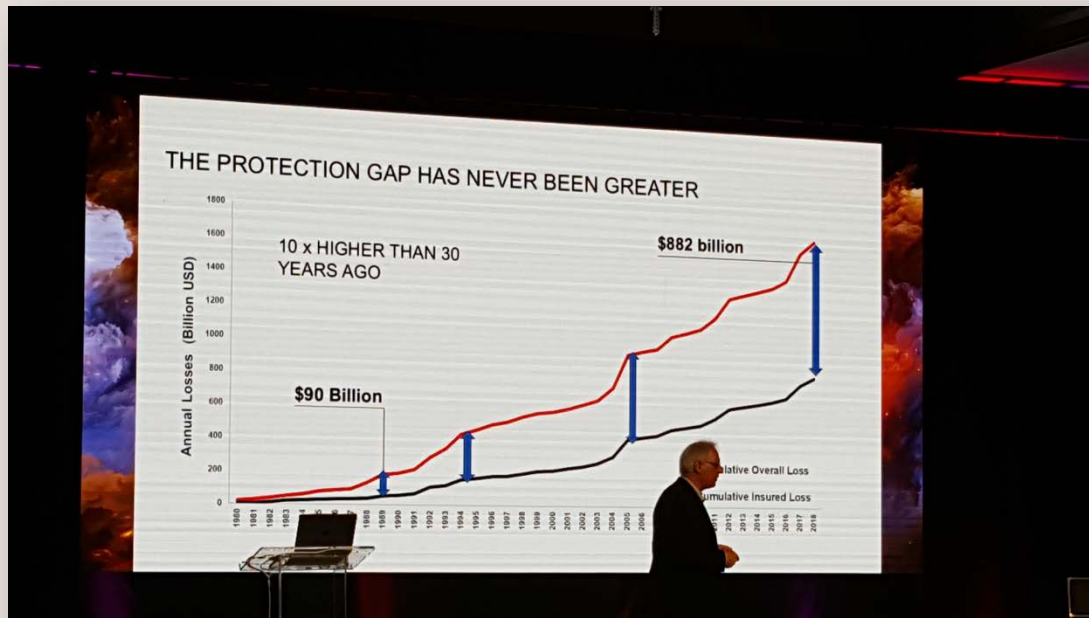
Southeast Energy Efficiency Alliance Grant, \$200k

Proposal:

- Interactive visual energy analysis
- Residential efficiency opportunity analysis using NREL tools
 - Localized GHG and energy data analysis with SEEA support
- Policy implementation and guidance
- Workshops and trainings



RMS Exceedance 2019 – Resilience



- 1,000+ Attendees
- Unique perspectives
- Significant regional presence and participation
- International and cross-disciplinary audience
- Innovations and networking

Panel Discussions and Breakout



- Local Government Strategies
- Data and Risk Analytics
- Community/NFP finance models
- Regional and Site Specific Exposure
- Risk Rating 2.0 and the NFIP
- Climate Modeling

11th Annual Compact Summit

- Save the Date
- December 4-5, 2019
- Key West



QUESTIONS?

Jennifer L. Jurado, Ph.D.

Environmental Planning and Community Resilience Division

jjurado@broward.org

