

Mission & Strategy Discussion Notes

Steering Committee

Coastal Risk and Hazards Commission

November 1, 2013

December 20, 2013

Strategy Discussion Questions

- What is our mission or purpose?
- What do we want to produce?
- What is the scope of issues we should address?
- What information will we need?
- What is our work plan?
- What is our timeframe?

Draft CRHC Mission Statement

“The purpose of the Coastal Risk and Hazards Commission is to develop sound guidance and recommendations for the state and municipalities regarding prudent and necessary changes to laws, regulations, plans, standards, and other actions that should be taken to prepare for anticipated sea level rise and increased future risks from coastal flooding, stormwater and related hazards.”

What do we want to produce?

- **Reports** of findings, guidance and recommendations
- **2 Interim Reports**
 - Focus on findings about the range future conditions coastal hazard conditions related to SLR, storm surge, flooding
 - Make interim recommendations
- **Final Report**
 - focus on recommendations for policies, legislation other actions
 - Include all findings, research, reference materials

Content and Scope

- Report Elements
 - Inventory
 - Assessment
 - Recommendations
- Identify:
 - Problems that need to be addressed (by legislation, policies, standards, guidelines, etc.)
 - “Unknowns” to be monitored & planned for
 - “No-regrets” Policies
 - Barriers to effective action

Guidance

- Scope of Interest
 - Assumptions RE sea level rise, flooding, precipitation, etc.
 - Economic impacts (business continuity, real estate, insurance)
 - Infrastructure (roads, bridges, telecomm, utilities, public facilities)
 - Ecosystem & Environment (salt marsh, groundwater)
- Dynamic and evolving information
 - Recognize explicitly that our findings are based on information and science that is still developing
 - implementation of recommendations should be phased and iterative allowing for “course corrections”

Recommendations

- Municipal focus:
 - assumptions to use
 - models & templates for taking action
 - recommended process for preparing for greater coastal flood risks
- State agency focus:
 - minimum standards
 - recommended policies
 - infrastructure investment conditions

Information needs (1)

- Anticipated Future Conditions (ranges)
 - Sea level rise, 2050 & 2100
 - Areas vulnerable to coastal flooding, with SLR, storm surge
 - Precipitation
 - Temperature
 - Impacts to wetlands and fisheries

Information needs (1)

- Anticipated Future Conditions (ranges)
 - Sea level rise, 2050 & 2100 (CSRC/AECOM/RPC)
 - Areas vulnerable to coastal flooding, with SLR, storm surge (RPC Vulnerability Study)
 - Precipitation (Wake report)
 - Temperature (Wake report)
 - Impacts to wetlands and fisheries (NHF&G SLAMM model)

Information needs (2)

- Inventory of Vulnerable Assets
 - State (e.g. roads, bridges, parks, buildings etc.)
 - Municipal (e.g. similar to state)
 - Critical facilities
 - Private assets (commercial, residential, utility, etc)

Information needs (2)

- Inventory of Vulnerable Assets
 - State (e.g. roads, bridges, parks, buildings etc.)
 - Municipal (e.g. similar to state)
 - Critical facilities
 - Private assets (commercial, residential, utility, etc
(use forthcoming RPC Coastal Vulnerability Study)

Information needs (3)

- Other information
 - Business preparedness
 - PREP “COAST” study of costs to protect, repair, replace, abandon key public assets
 - GDP of vulnerable economic assets
 - Value of vulnerable public assets

Schedule & Work Plan (1)

- 1st Interim Report: Nov. 1, 2014
 - Initial fact-finding report
 - Recommendations for initial legislative, executive & other state actions (municipal too?)
- 2nd Interim Report: September 1, 2015
 - Complete fact-finding
 - Further recommendations
- Final Report: October 1, 2016

Schedule & Work Plan (2)

- Complete basic fact-finding: July 2014
- Public Input
 - Partner with Coastal Adaptation Workgroup (CAW)
 - Review input from other Coastal Adapt. projects
 - Begin Commission public input process after 2nd Report

Schedule & Work Plan (3)

- Establish Sector based Workgroups (after 1st rpt.)
 - Sector-specific research
 - Report writing
- Work plan should be flexible/adaptable
 - May not have clear recommendations for 1st report (if so, report progress and initial findings)

CRHC General Timeline

	2014				2015				2016			
	Fact Finding				Assessment/Evaluation				Reporting & Outreach			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
CRHC Meetings	XXX	XXX	XXX	XX	XX	XX	XXX	XXX	XXX	XX	XX	XXX
Science Advisory Panel			★									
Vulnerability Assessment				★								
Sector Working Groups					★							
Other Research												
Eval. Responses/ Measures												
Devel. Recommendations												
Public Engagement												
Reports				★				★				★

Approach

- End Product: Reports with guidance and recommendations to: legislature, state agencies, municipalities
- Process:
 1. gather facts; understand the science, quantify risks
 2. receive input from stakeholders and the public
 3. assess and evaluate
 4. develop recommendations
 5. report to the legislature, stakeholders, public
- Organization:
Steering Comm., Science Adv. Panel, Sector Workgroups

Observations Made

- Keep it Simple (as much as possible)
- Ours will be the 'first' guidance, not the last
- Understand risk tolerance in our guidance
- The information we are using is dynamic
- Most responses to coastal risks will be interactive