

Resources for Kingston Flooding Task Force

Prepared January 9, 2013 and updated February 1, 2013

COAST: COastal Adaptation to Sea level rise Tool

Summary of COAST:

http://catalysisadaptationpartners.com/uploads/3/1/4/8/3148042/coast_summary_111012.pdf

About the organization who tailors COAST for specific climate adaptation applications:

Catalysis Adaptation Partners: <http://catalysisadaptationpartners.com/index.html>

Examples of a COAST application:

Merrill, S., P. Kirshen, D. Yakovleff, S. Lloyd, C. Keeley, and B. Hill. 2012. COAST in Action: 2012 Projects from New Hampshire and Maine. New England Environmental Finance Center Series Report #12-05. Portland, Maine.

http://catalysisadaptationpartners.com/uploads/3/1/4/8/3148042/cre_coast_final_report.pdf

Merrill, S., D. Yakovleff, S., Holman, D. Cooper, J., and P. Kirshen (2010) *Valuing Mitigation Strategies: A GIS-based approach for climate adaptation analysis* (2010), Arc Users

<http://www.esri.com/news/arcuser/1010/files/coast.pdf>

Guidebooks

Revitalizing Hudson Riverfronts: Illustrated Conservation & Development Strategies for Creating Healthy, Prosperous Communities. Eisenman, R. J. Anzevino, S. Rosenberg, and S. Spector (eds.) , published by Scenic Hudson, Inc. (2010).

<http://www.scenichudson.org/ourwork/riverfrontcommunities/publications>

Planning and Building Livable, Safe, & Sustainable Communities: The Patchwork Quilt Approach by Edward A. Thomas and others, published by The Natural Hazard Mitigation Association (Updated June 8, 2011). http://stormsmart.org/uploads/patchwork-quilt/patchwork_quilt.pdf

Incorporating Sea Level Change Scenarios at the Local Level published by NOAA (2012)

http://www.csc.noaa.gov/digitalcoast/_pdf/slcscenarios.pdf

Webinars:

- I. Bridging the Gap between Hazard Mitigation and Climate Adaptation Webinar on 12.18.12 co-sponsored by the Center for Clean Air Policy and the Natural Hazard Mitigation Association. Slides and a recording are at:

<http://ccap.org/event/bridging-the-gap-between-hazard-mitigation-and-climate-adaptation-webinar/>

- II. **“Using Floodplain Regulations to Help Communities Prepare for Climate Change.”** December 6th Georgetown Climate Center webinar. Below is a link to the recorded webinar and all documents referenced during the presentation, including an executive summary to the “Zoning for Sea-Level Rise” report, which will be released in full in early 2013. Georgetown Climate Center:

Using Floodplain Regulations to Help Communities Prepare for Climate Change

The Dec. 6 webinar brought forth experts to discuss how communities can become more resilient to extreme weather and prepare for climate change through floodplain regulations. The event featured a discussion of a model sea-level rise ordinance developed by the Georgetown Climate

Center and insights from three experienced planners from Iowa, New Hampshire, and Mississippi. Practitioners shared lessons learned and their experiences enhancing regulatory standards in floodplains in the wake of extreme weather events - lessons that may prove particularly valuable as the northeastern United States recovers from Superstorm Sandy.

Link to the recorded webinar and related materials:

<http://www.georgetownclimate.org/floodplain-regulations>

Climate Change Adaptation and Action Plans

City of Kingston Climate Action Plan and 2010 Community-Wide & Local Government Operations Energy and Greenhouse Gas Emissions Inventory, published by the City of Kingston, NY (2012)

<http://kingstoncac.org/index.php/climate-action-plan>

Preparing for Climate Change in Groton, Connecticut: A Model for Communities in the Northeast (2011)

http://www.icleiusa.org/library/documents/ICLEI_Final_Report_Groton_Coastal_Climate_Change_ProjectJP.pdf

New York Climate Change Reports and Resources

- New York State 2100 Commission (2013) *Recommendations to Improve the Strength and Resilience of the Empire State's Infrastructure*
<http://www.rockefellerfoundation.org/uploads/files/7c012997-176f-4e80-bf9c-b473ae9bbb3.pdf>
- ClimAID- Response to Climate Change in New York State (2011)
<http://www.nyserda.ny.gov/climaid>
- New York State Sea Level Rise Task Force Report (2010)
http://www.dec.ny.gov/docs/administration_pdf/slrffinalrep.pdf
- New York State Climate Action Plan Interim Report(2011)
<http://www.dec.ny.gov/energy/80930.html> & Chapter 11 - Adapting to Climate Change
http://www.dec.ny.gov/docs/administration_pdf/irchap11.pdf
- NYSDEC Climate Change New Yorkers are Working on Many Fronts
<http://www.dec.ny.gov/energy/44992.html>
- NYSDEC Hudson River Estuary Program & Climate Change
<http://www.dec.ny.gov/lands/39786.html>
- Hudson River Sustainable Shorelines Project
<http://www.hrnerr.org/hudson-river-sustainable-shorelines/>