

CLIMATE IMPACTS SYMPOSIUM

A workshop focusing on the planning implications of potential changes in precipitation patterns, sea level rise, flooding, & water quality in the National Capital region.

May 21, 2012





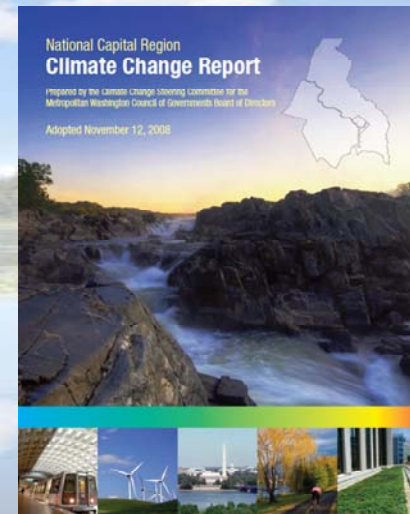
COG CLIMATE CHANGE INITIATIVE

2007

- COG Board created Climate Change Steering Committee

2008

- National Capital Region Climate Change Report
 - Regional greenhouse gas emissions inventory 2005-2050
 - Emission reduction goals
 - 10% below business as usual by 2012
 - 20% below the 2005 levels by 2020
 - 80% below 2005 levels by 2050
 - Adaptation measures such as:
 - Research adaptation BMPs
 - Conduct adaptation workshops
 - Analyze impacts & risks
 - Partner with universities on research
 - Develop regional adaptation policies





COG CLIMATE CHANGE INITIATIVE

2009

- COG Board created the Climate, Energy, & Environment Policy Committee (CEEPC)

2010

- CEEPC adopts 2010-2012 Regional Climate & Energy Workplan
 - Adaptation measures such as:
 - Research adaptation strategies from around the country
 - Host adaptation workshops
 - Evaluate climate impacts on one or more sectors
- *Region Forward* Compact adopted
 - Foundation for COG's efforts to build a sustainable region
 - Draws climate goals from Climate Change Report





ADAPTATION PROJECT WITH EPA

- In 2010, COG applied to the EPA Smart Growth Implementation Assistance (SGIA) Program to support climate adaptation workplan goals
 - EPA technical assistance provided through a contractor: SRA
 - Focus on 4 sectors: water, transportation, land use, & buildings
 - End Product: EPA Climate Adaptation Guidebook

Project Milestones

- Technical Expert Panel identified pertinent regional climate information
- NOAA Roadmap for Adapting to Climate Risks Workshop
- George Mason students evaluate local govt adaptation knowledge
- SRA conducts local and national policy inventory
- COG reviewed vulnerabilities of 4 sectors
- EPA, COG & SRA held 4 sector stakeholder workshops
- SRA develops draft guidebook
- Final Guidebook will be available July 2012





CLIMATE IMPACTS SYMPOSIUM

QUESTIONS TO BE ADDRESSED TODAY

- What are actual data trends telling us & what do modeling results predict about the effects of climate change in the National Capital Region?
- How can climate trends and future climate change be integrated into water, land use, transportation, & other sector planning processes?
- What are the next steps moving forward to improve climate resilience in the region?

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