

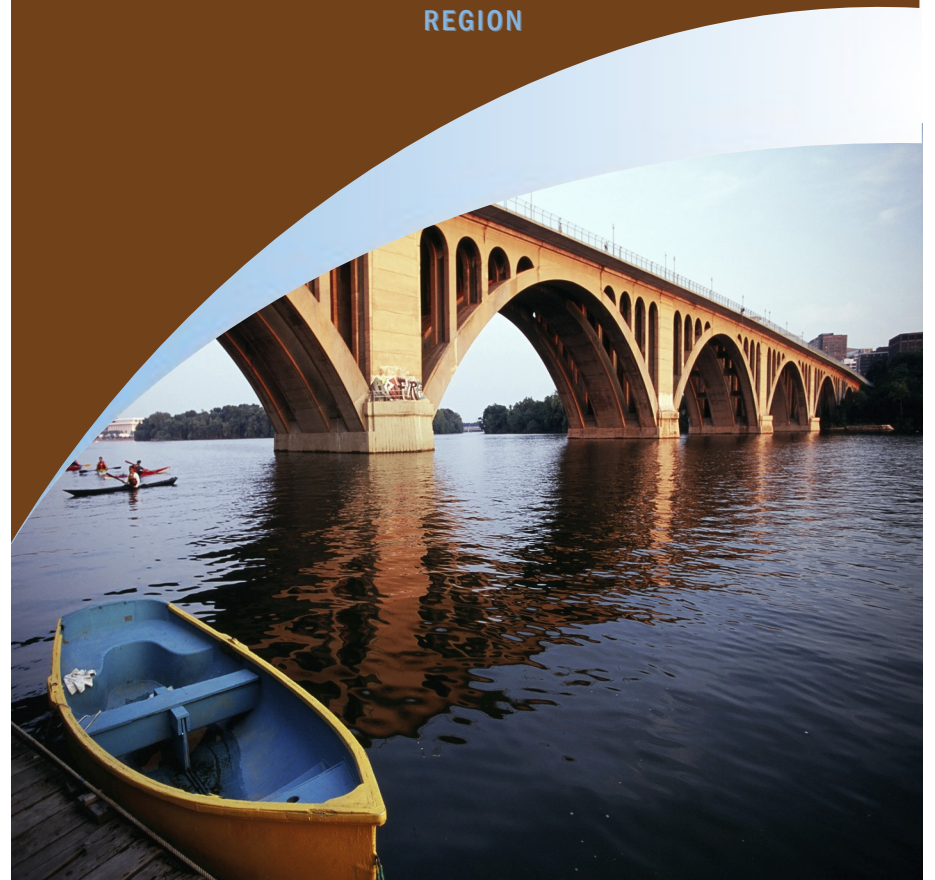


CLIMATE IMPACTS SYMPOSIUM

MAY 21, 2012



A WORKSHOP FOCUSING ON THE PLANNING IMPLICATIONS OF
POTENTIAL CHANGES IN PRECIPITATION PATTERNS, SEA LEVEL
RISE, FLOODING, AND WATER QUALITY IN THE NATIONAL CAPITAL
REGION



**CLIMATE IMPACT SYMPOSIUM
MONDAY, MAY 21, 2012
AGENDA AND INVITED SPEAKERS**

DATE: Monday, May 21st, 2012
TIME: 10 am-3 pm
LOCATION: Metropolitan Washington Council of Governments (COG), Board Room 3rd Floor
WEBINAR: Options for participating via webinar will be provided

[COG's Climate Impact Symposium & RSVP](#)

Note: This event is intended for COG's members. Others may attend on a space-available basis.

QUESTIONS TO BE ADDRESSED:

What are actual data trends telling us and what do modeling results predict about the effects of climate change in the metropolitan Washington region?

How can climate trends be incorporated into water, land use, and transportation planning in the region?

What are the next steps moving forward to improve climate resilience in the region?

10:00 AM **WELCOME REMARKS**
Stuart Freudberg, Metropolitan Washington Council of Governments

10:15 AM **MORNING SESSION: CLIMATE CHANGE IN THE REGION**
What are actual data trends telling us and what do modeling results predict about the effects of climate change in the metropolitan Washington region?
Dr. Don Boesch, Center for Environmental Science, University of Maryland
Summary of the expected climate impacts to the region.
Dr. Antonio Busalacchi, Earth System Science Interdisciplinary Center (ESSIC), University of Maryland
Overview of ESSIC's climate-related work and key findings that are applicable to the region.
Dr. Ray Najjar, Pennsylvania State University (PSU)
PSU investigations & suggested priorities for environmental planning in the Chesapeake Bay watershed.
Dr. Wade Smith, Noblis
Review of what modeling predicts for sea level rise, storm surge, and stream flooding in the Potomac.

NOON **LUNCH PRESENTATION: Julia Koster, National Capital Planning Commission** Federal Government research, planning and decision-making: A focus on potential flooding in the Downtown Washington Area.

1:00 PM **AFTERNOON SESSION: PLANNING IMPLICATIONS TO MULTIPLE SECTORS**
How can climate trends be incorporated into water, land use, and transportation planning in the region?
Laurens Van der Tak, CH2M Hill
The impact of changing precipitation patterns and tide levels on drainage and stormwater management design in Alexandria, and implications for the COG region.
Jessica Grannis, Georgetown Climate Center
Feasible land use strategies to address sea level rise in VA, DC and MD.
Robert Kafalenos, US DOT Federal Highway Administration
Potential mid-Atlantic impacts of climate change on transportation infrastructure and implications for transportation planning.

2:30 PM **DISCUSSION AND CONCLUSIONS**
What are the next steps moving forward to improve climate resilience in the region?