

Council on Environmental Quality Climate Change Adaptation Activities

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Interagency Climate Change Adaptation Task Force

- White House Council on Environmental Quality (CEQ), Office of Science and Technology Policy (OSTP), and National Oceanic and Atmospheric Administration (NOAA) initiated a one year inter-agency review process in fall 2009 to develop federal recommendations for adapting to climate change impacts both domestically and internationally.
- USACE representatives – JoEllen Darcy, Rock Salt, Bob Pietrowsky, Joe Manous



Goals of the interagency process

- Recommendations toward a national adaptation strategy that utilizes a set of best practices derived from the experience and knowledge of governments and stakeholder groups across the United States and abroad.
- The integration of climate change resilience and adaptive capacity into federal government operations and coordination of interagency preparations for climate change impacts with domestic and international activities.
- The continued cultivation of communities that are informed, understand their vulnerability to climate impacts, and are equipped with information to use in local adaptation policies.



CEQ Interagency Climate Change Adaptation Working Groups

- Five original work groups:
 - ▶ Adaptation Science Inputs for Policy – Gene Stakhiv (IWR)
 - ▶ Agency Climate Change Adaptation Process – Kate White (IWR)
 - ▶ Water – Rolf Olsen (IWR)
 - ▶ International Resilience Efforts – Will Logan (IWR), Joe Manous (IWR), Tony Eberhardt (IWR)
 - ▶ Insurance – Glenn Landers (SAJ)



CEQ Interagency Climate Change Adaptation Working Groups

- New work groups
 - ▶ Urban – Norm Starler (IWR)
 - ▶ Coastal – Charley Chesnutt (IWR), Lynn Martin (IWR), Julie Rosati (ERDC-CHL) (Coordinated with the new National Ocean Council)
 - ▶ Fish, Wildlife, and Plants – Janet Cushing (IWR) (Coordinated with existing interagency group on Fish, Wildlife, and Plants)



CEQ Interagency Climate Change Adaptation Working Groups

- New work groups (continued)
 - ▶ Land Management – William Goran (CERL)
(Coordinated with existing interagency group)
 - ▶ Health – No USACE participation
 - ▶ Coordination/Collaboration – Composed of the WG chairs.
 - ▶ Communication – No USACE participation



Climate Change and Water Resources Working Group

- Interim Report January 2010 – Principles
 - 1) Include State, Tribal, and Local Governments in Planning Process
 - 2) Prioritize the Major Challenges Climate Change Poses for Water Resources
 - 3) Consider Implications for Adapting to Impacts of Climate Change on Resources Other than Water
 - 4) Consider Other Water Resources Challenges
 - 5) Fit with Statutory Requirements
 - 6) Build on Existing Institutional Mechanisms
 - 7) Recognize Impacts on Vulnerable Subpopulations
 - 8) Coordinate with Research Communities
 - 9) Coordinate with Greenhouse Gas Mitigation Planning
 - 10) Support Evaluation, Feedback, and Reporting



Climate Change and Water Resources Working Group

- Currently work group is focusing attention on five high priority water resources and climate adaptation topics that offer significant benefits:
 - ▶ Water Resources and Climate Change Data/Models/Measures;
 - ▶ Assessing Vulnerability of Water Resources to Climate Change;
 - ▶ Water Use Efficiency;
 - ▶ Integrated Water Resources Management; and
 - ▶ Education of Water Resource Managers.



Climate Change and Water Resources Working Group - Teams

- Climate/Water Data and Modeling (Lead Agency – DOI/USGS):
 - ▶ USACE – Jeff Arnold (IWR), Paul Wagner (IWR)
 - ▶ USGS – Robert Hirsch, Terry Schertz, Susan Aragon-Long
 - ▶ Reclamation – Mike Gabaldon
- Assessing Vulnerability (Lead Agency – NOAA)
 - ▶ USACE – Rolf Olsen (IWR), Lauren DeFrank (IWR)
 - ▶ No USGS or Reclamation reps
- Water Use Efficiency (Lead Agency – EPA)
 - ▶ No USACE rep
 - ▶ USGS – Eric J. Evenson
 - ▶ Reclamation – Kira Finkler



Climate Change and Water Resources Working Group - Teams

- Integrated Water Resources Management (Lead Agency – USACE)
 - ▶ USACE – Gene Stakhiv and Rolf Olsen (co-leads); Jason Giovannettone (IWR)
 - ▶ USGS rep – Jerad Bales
- Capacity Building and Education (Lead Agency – CDC)
 - ▶ USACE rep - Paul Bourget
 - ▶ No USGS or Reclamation reps

