

Water Resources Adaptation to Climate Change Workgroup of the Advisory Committee on Water Information (ACWI)

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Outline

- Workgroup Organization and Charge
- Activities to Date
- *Next Steps* Report
- Future Direction



Water Resources Adaptation to Climate Change Workgroup

- Created in June 2012
- Co-chairs: Water Environment Federation and EPA Office of Water
- Membership: 40 Organizations
 - State and Local Organizations
 - Academic and Non-Profit
 - Federal Agencies
 - Other ACWI Subgroups



Water Information Coordination Program

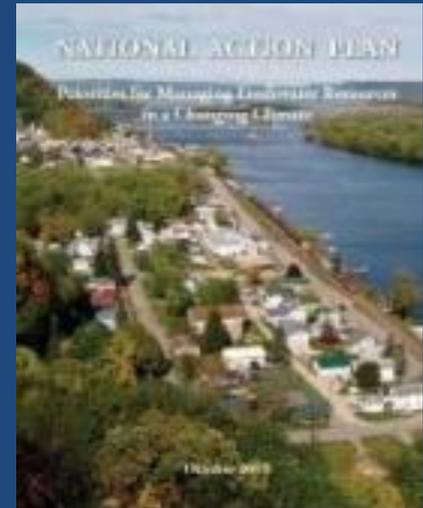


Advisory Committee on Water Information



National Action Plan: Priorities for Managing Freshwater Resources in a Changing Climate

- Published October 2011 by Interagency Climate Change Adaptation Task Force
- Key Recommendations:
 - Establish Planning Process
 - Improve Water Information
 - Strengthen Vulnerability Assessments
 - Expand Water Use Efficiency
 - Support Integrated Water Resources Management
 - Support Training and Outreach



Workgroup Charge

- Established in response to recommendation in *National Action Plan*
- Provide information for the effective management of water resources in the United States as the climate changes
- Advise the Department of Interior and other Federal agencies on water policy as it relates to climate change adaptation
- Be a forum for stakeholders to exchange Information, views and ideas



Workgroup Activities to Date



- Monthly Meetings
- Organize Subcommittees:
 - Webinars
 - Reference Database
- In-Person Meeting: February 2014
- *Next Steps* Report: Spring 2014
- Annual Workplans and Reports to ACWI

2014 In-Person Workgroup Meeting



- February; Crystal City, Va.
- Teams in 5 Areas of *National Action Plan*
 - Data and Information
 - Vulnerability
 - Water Use Efficiency
 - Integrated Water Resources Management
 - Outreach and Training
- Team Work Sessions and Report Recommendations
- Guest Speakers

Next Steps Report



- Water Data and Information
 - Strengthen long-term hydrologic observation and data management systems
 - Enhance data access and interoperability
 - Bolster critical data sets
- Vulnerability Assessment
 - Develop guidance for and assistance to communities in use of existing tools
 - Create strategic plan for engagement with non-Federal partners to inform and improve future tool development

Next Steps Report



- Water Use Efficiency

- Give priority to agriculture for development of nationally consistent metrics
- DOE should update Federal efficiency standards for plumbing products
- Develop national program to support water efficiency and reuse comparable to BOR program in West

- Integrated Water Resources

- Facilitate Federal agency coordination
- Create incentives for State/local/tribal for climate resilience planning on a watershed or aquifer basis
- Incentive use and protection of ecosystem services

Next Steps Report



- Training and Capacity Building
 - Expand information sharing (e.g.: Water Resources Research Institutes)
 - Expand training for workforce and technical service providers
- Additional Recommendations
 - Consider new investment in natural infrastructure (e.g.; State Revolving Loan Fund)
 - Strengthen community flood preparedness (e.g.; flood insurance premium sharing with communities)
 - Consider support of non-profit organization to promote water/climate training /accreditation and project recognition on a voluntary basis

Next Steps Report: ACWI Input



- Workgroup briefed ACWI members on *Next Steps* report in August 2014
- Draft report revised consistent with comments
- Agreement to post report on ACWI website
- Summary of comments posted on ACWI website

Workgroup Future Directions



- Continue advice and input to Federal agency implementation of *National Action Plan*
- Encourage actions proposed in *Next Steps* report
- Support “Refresh” of *National Action Plan*
- Cooperate with other ACWI Subgroups
- Cooperate with other climate strategy efforts:
 - National Ocean Policy
 - Fish/Wildlife/Plants Climate Strategy
 - Agency climate adaptation strategies

Thank You

For more information see:

http://acwi.gov/climate_wkg/index.html

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