

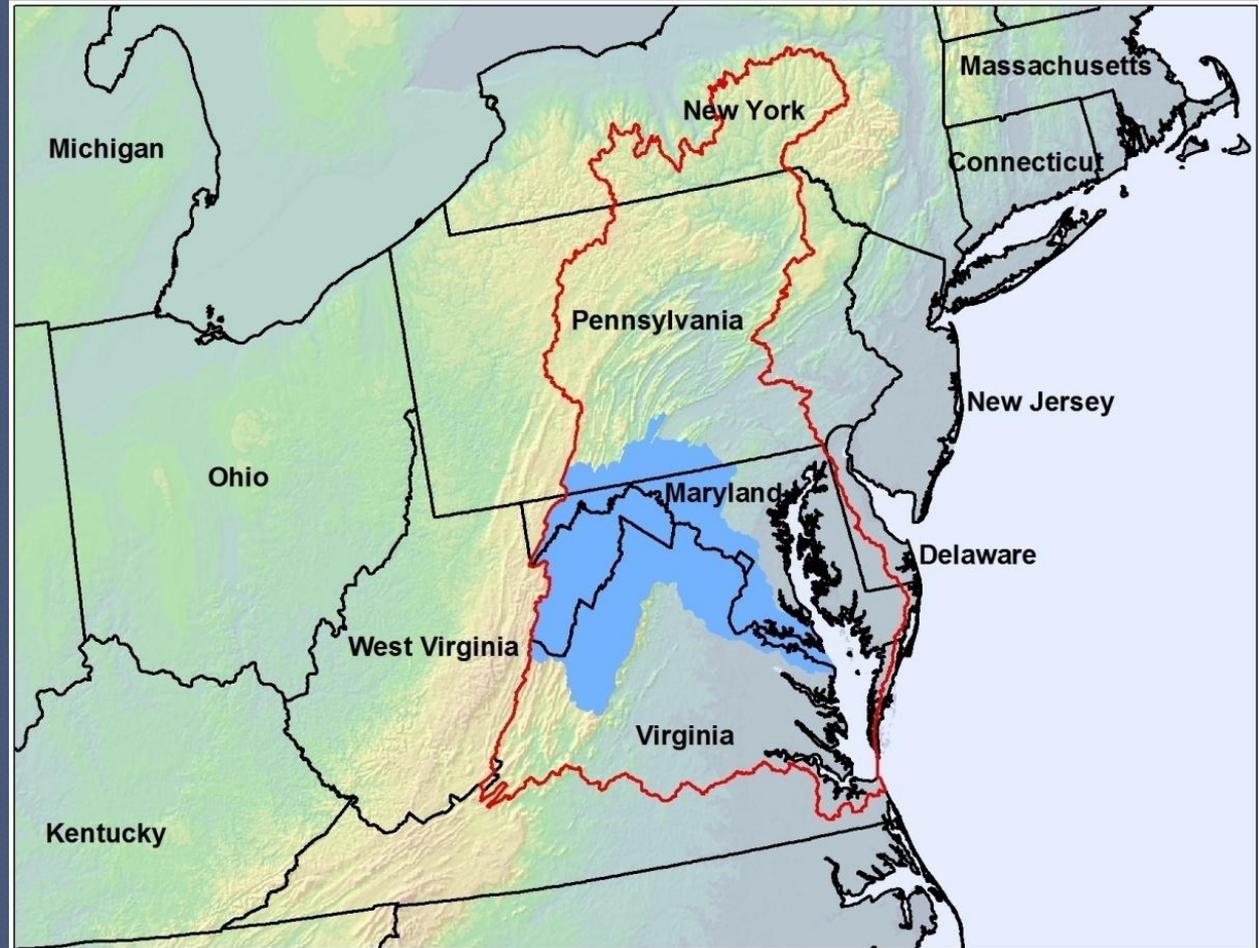
Collaborative Planning Potomac River Basin

Sustainable Water Resources Roundtable
March 31, 2015

Heidi Moltz
Interstate Commission on the Potomac River Basin
(ICPRB)

Potomac Basin

- 14,670 sq. mi.
- 4 states and DC
- 5 geologic provinces
- 6.11M basin residents, ~ $\frac{3}{4}$ in DC metro area



Map produced by J. Ducnuigen, ICPRB

ICPRB

Interstate Commission on the Potomac River Basin (ICPRB)

Mission: “protect and enhance the waters and related resources of the Potomac River basin through science, regional cooperation, and education”



Planning

Water for Maryland's Future: What We Must Do Today



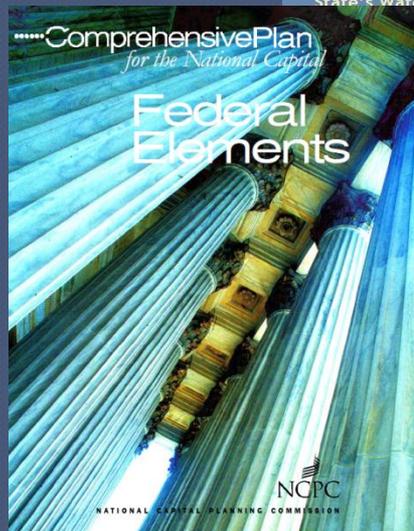
Final Report of the Advisory Committee on the Management and Protection of the State's Water Resources

Final Report Water Resources Protection Act Water Use Survey

December 29, 2006



west virginia department of environmental protection
Stephanie R. Timmermeyer, Cabinet Secretary



Shared Resource...Shared Responsibility

STATUS OF VIRGINIA'S WATER RESOURCES A Report on Virginia's Water Resources Management Activities

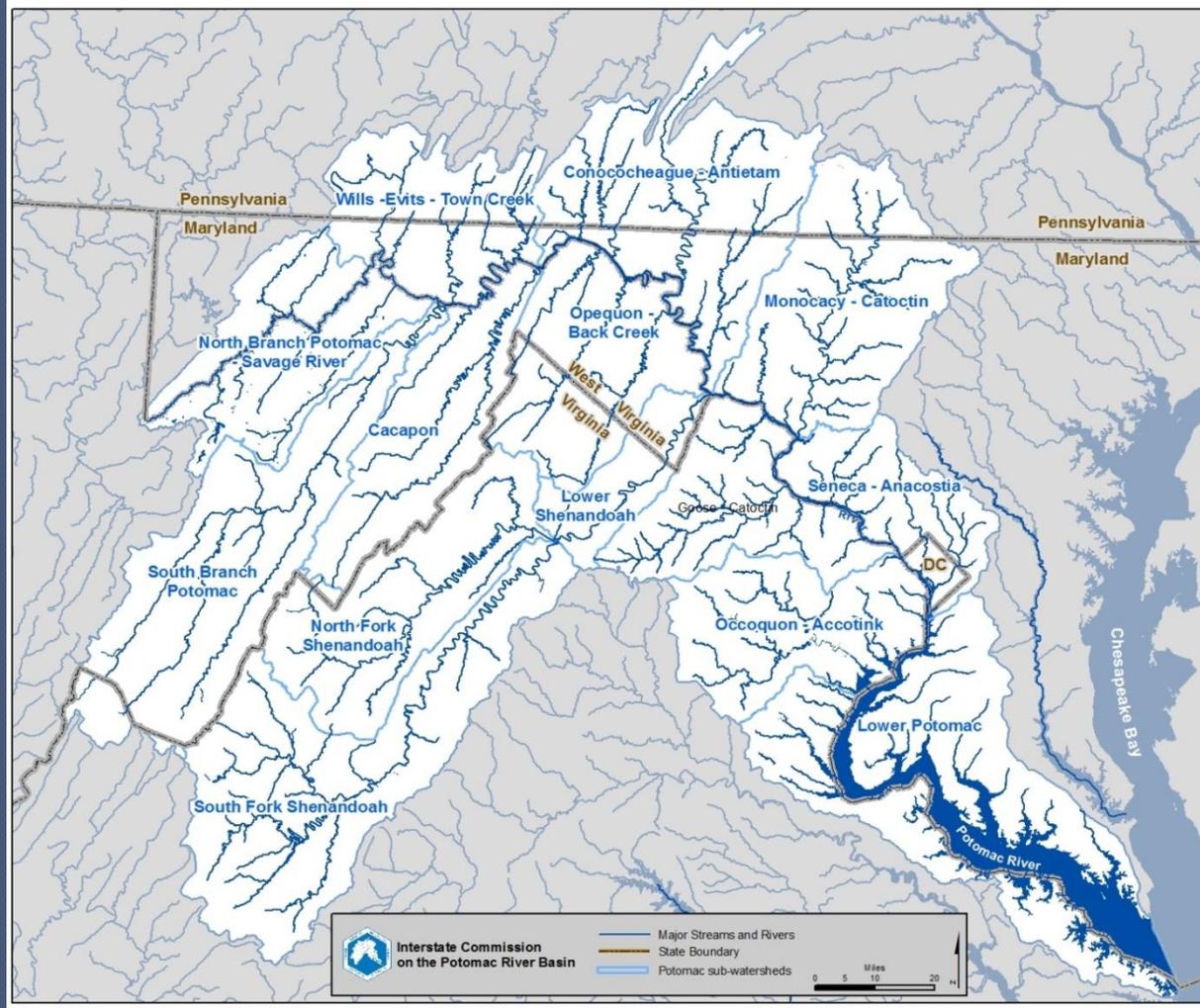


A report to the Honorable Timothy M. Kaine, Governor
and the General Assembly of Virginia

Virginia Department of Environmental Quality
Office of Surface and Ground Water Supply Planning

October 2009

Basin Planning



Map produced by J. Ducnuigen, ICPRB

Objective

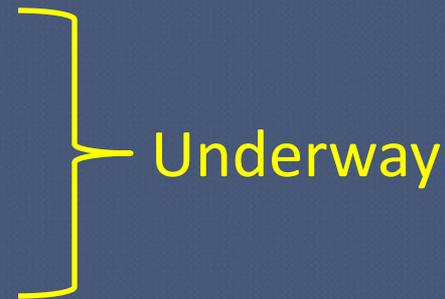


Collaborative development of an adaptive basin-wide comprehensive water resources plan to serve as a roadmap for the sustainable use of this interstate resource now and into the future

Framework

◎ Four phases

1. Scope
2. Identify issues
3. Develop recommendations
4. Develop plan



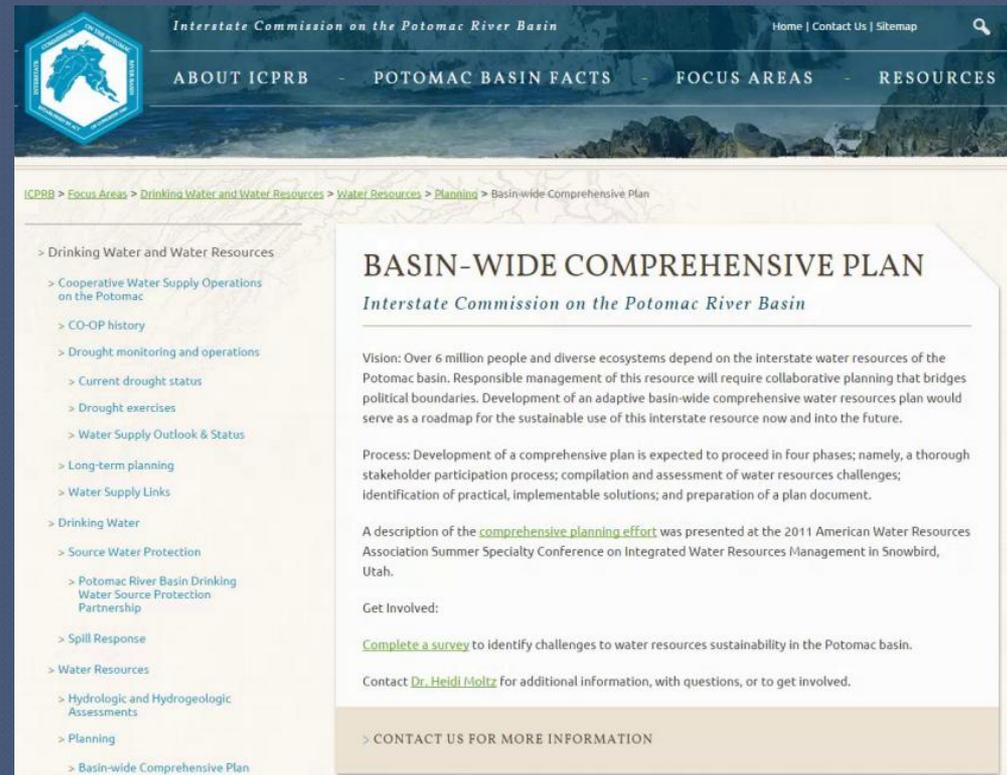
Underway

Phase 1 - Scope

◎ Initiate stakeholder participation

- ICPRB member jurisdictions
- Advisory committee
- Technical committee(s)
- Public outreach

◎ Develop shared vision and objectives



The screenshot shows the website for the Interstate Commission on the Potomac River Basin (ICPRB). The header includes the ICPRB logo, the text "Interstate Commission on the Potomac River Basin", and navigation links for "Home | Contact Us | Sitemap". Below the header is a navigation menu with "ABOUT ICPRB", "POTOMAC BASIN FACTS", "FOCUS AREAS", and "RESOURCES". The main content area features a breadcrumb trail: "ICPRB > Focus Areas > Drinking Water and Water Resources > Water Resources > Planning > Basin-wide Comprehensive Plan". A left sidebar contains a tree view of the website structure, with "Basin-wide Comprehensive Plan" selected. The main content area is titled "BASIN-WIDE COMPREHENSIVE PLAN" and "Interstate Commission on the Potomac River Basin". It includes a "Vision" statement, a "Process" description, and a "Get Involved" section with a link to "Complete a survey" and contact information for Dr. Heidi Moltz. A "CONTACT US FOR MORE INFORMATION" link is also present at the bottom of the page.

<http://www.potomacriver.org/...>

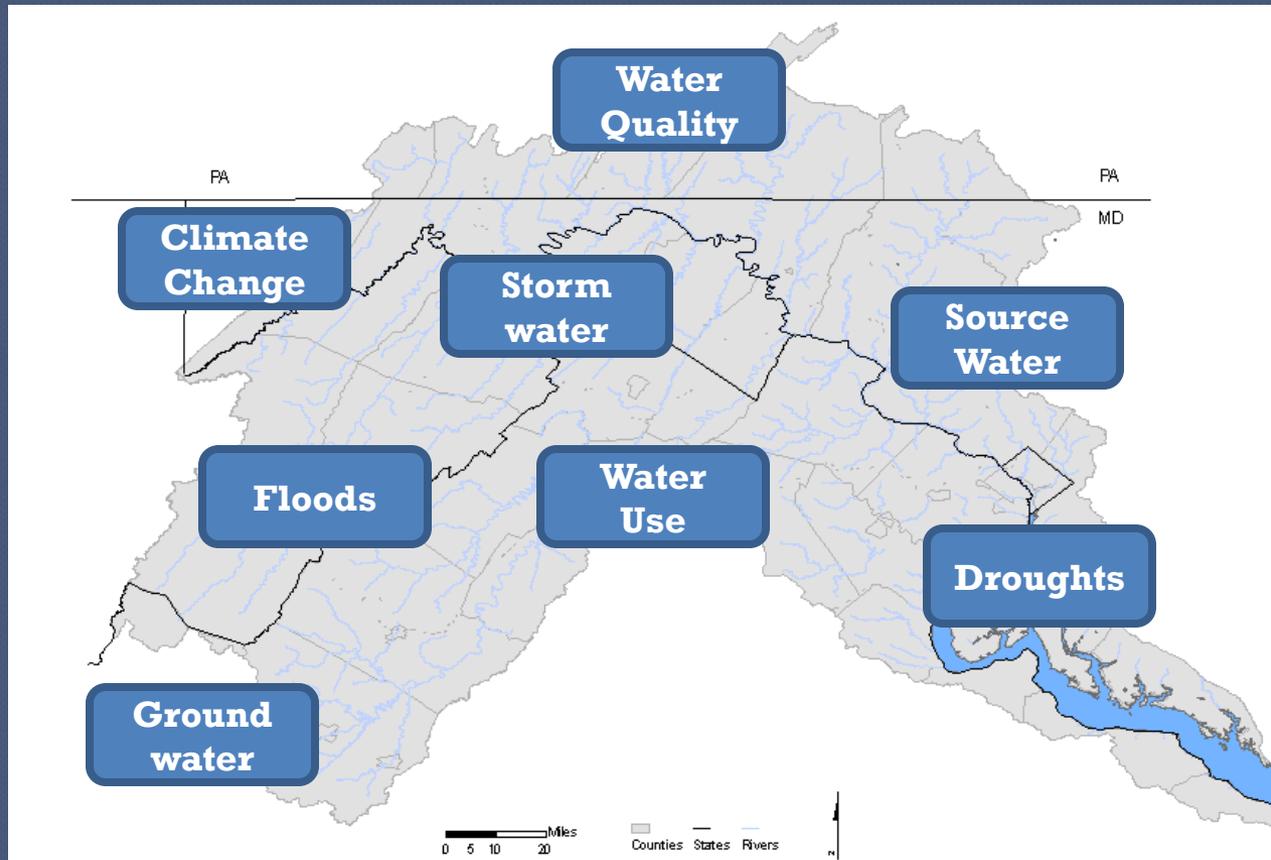
Stakeholders

- ◎ Commission members
 - (PA, MD, VA, WV, DC, federal gov't)
- ◎ Local gov't
- ◎ Non-profits
- ◎ Water utilities
- ◎ Industry
- ◎ Agriculture
- ◎ General public
- ◎ Others...



Photo by James Palmer, ICPRB

Phase 2 – Identify Issues



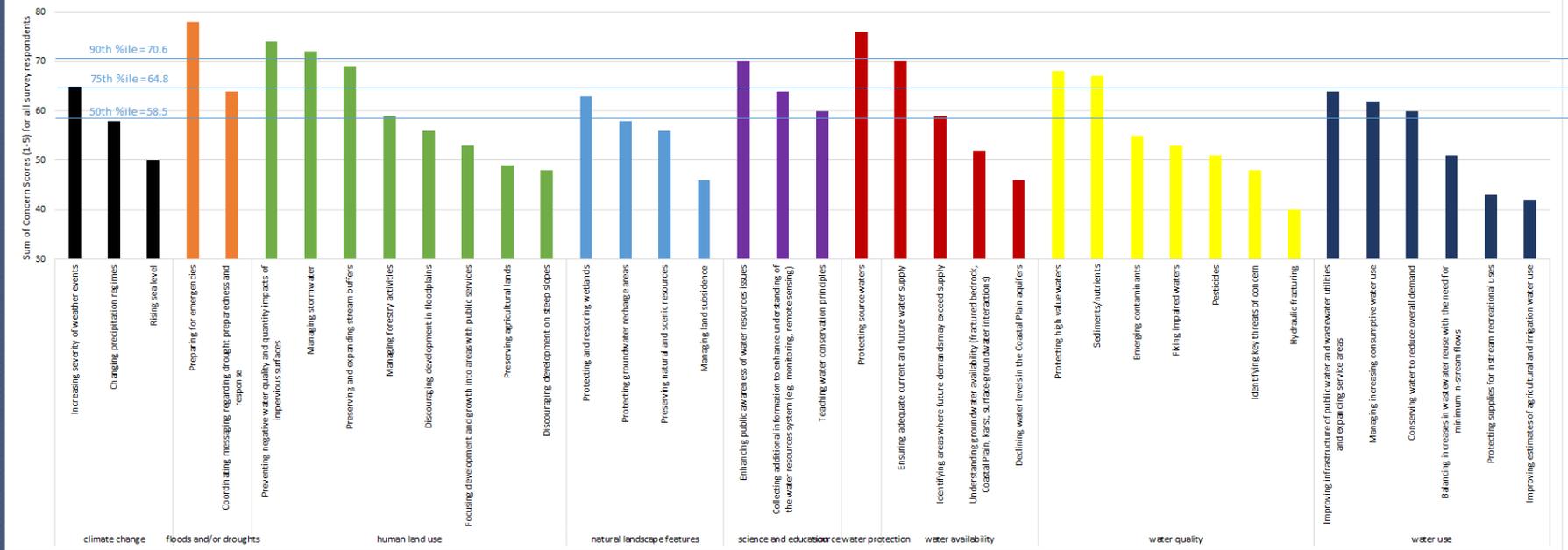
Phase 2 – Identify Issues

- ◎ Review of state and local comprehensive plans
- ◎ Survey of water resources-related organizations
- ◎ Geospatial risk assessment based on EPA Recovery Potential Screening and other tools

Phase 2 – Identify Issues

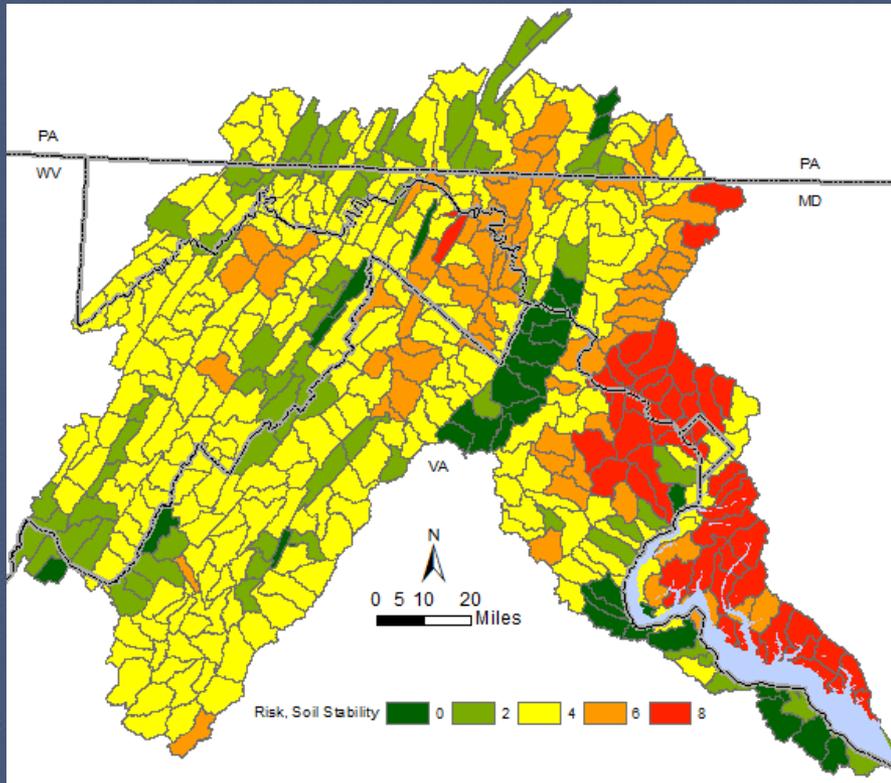
38 issues identified under 9 topic areas

Total Concern Score of Water Resources Challenges, Sorted High to Low within Topic Areas

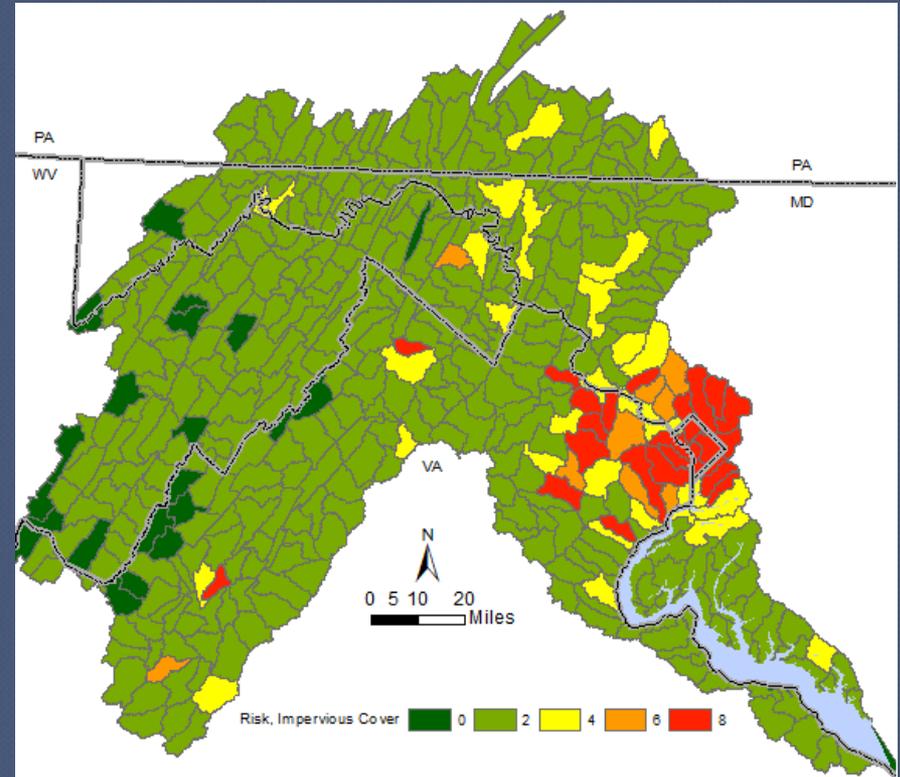


Phase 2 – Identify Issues

Geospatial evaluation of issues



Soil Stability



Impervious Cover

Next Steps

Prepare introductory sections of a draft plan with

- Basin background info
- Description of water resources issues

as a way to continue the stakeholder dialogue and proceed to Phases 3 and 4 of the plan

Phase 3 – Develop Recommendations

Environmental flow protection

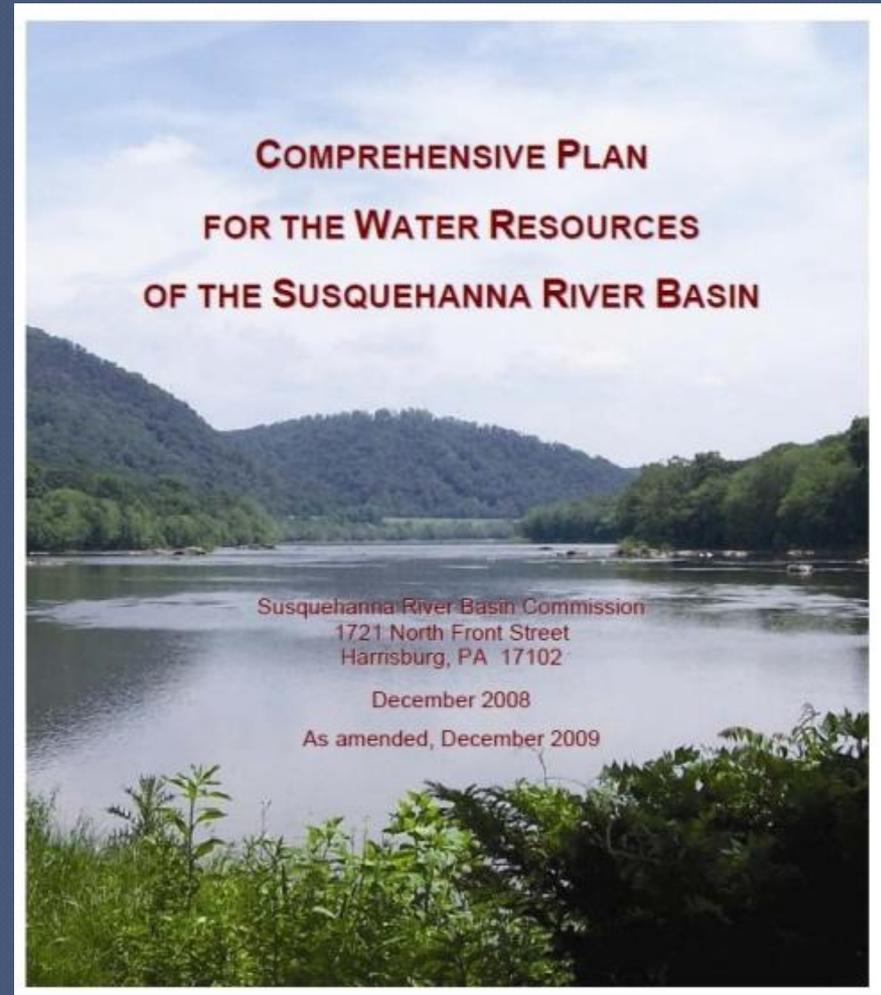
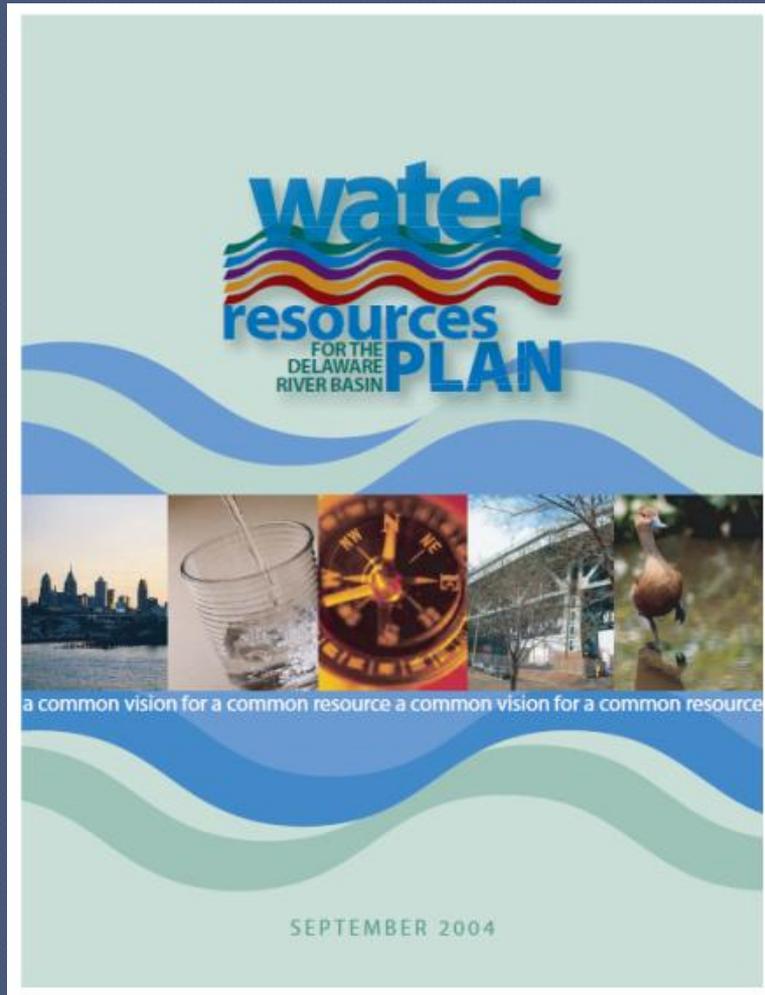
Flood protection and management

Examples

Hydrologic and floodplain function restoration

Water supply and sustainable watershed management

Phase 4 – Write Plan



Benefits

- ⦿ Integrating existing data and research for analysis at the basin-wide scale
- ⦿ Enhancing interstate collaboration
- ⦿ Managing an interstate resource at the interstate scale (impacts across state lines)
- ⦿ Increasing cost efficiency

Challenges

- ◎ Diverse, sometimes competing, interests (e.g. ecosystem, human health, economic)
- ◎ Scale
 - Focus on interstate issues;
 - Meaningful and implementable at the local level, where action and implementation typically occur; and
 - Statewide principles should also be developed to assist in state planning efforts.

Conclusion

Collaboration will be an essential component of developing a comprehensive basin-wide water resources management plan.

Contact Info

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