



Southeastern Stormwater Conference

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**The Association of State and
Interstate Water Pollution Control
Administrators**



Nat'l Water Quality Inventory

USEPA (1998)

- ✓ 40% of surveyed US water bodies do not fully meet water quality standards.
- ✓ Stormwater runoff is a leading cause of their impairment.





Scope of the Problem

Combined, urban runoff and storm sewer discharges are the:

- ✓ 3rd most prevalent source of impairment to lakes & rivers.
- ✓ 2nd most prevalent source of impairment to estuaries.





Summary of Phase II Impacts

- ✓ Number of cities and counties regulated increases drastically.
- ✓ 2000 US Census further increases regulation.
- ✓ States' permit work load increases.
- ✓ In general, States will have limited or no additional resources.



National Challenges: A Call For Innovation

- ✓ Political
- ✓ Economics
- ✓ Scientific





Political Challenges: A National Perspective

- ✓ States continue to seek recognition of functionally equivalent approaches to:
 - Help make best use of limited resources
 - Recognize effective alternative strategies
 - Reward Innovation
 - Build State & Local Partnerships





Political Challenges: A National Perspective (cont.)

- ✓ Seek appropriate balance between technology & water quality based programs to:
 - Maintain reasonable relationship between TMDLs & Permit Conditions
 - Build Accountability and Trust



Political Challenges: A National Perspective (cont.)

- ✓ Therefore, it is essential that we:
 - Develop better, more practical measures of environmental results
 - Prevent, as well, as regulate pollution, and that we...

EDUCATE - EDUCATE - EDUCATE



Economic Challenges: A National Perspective

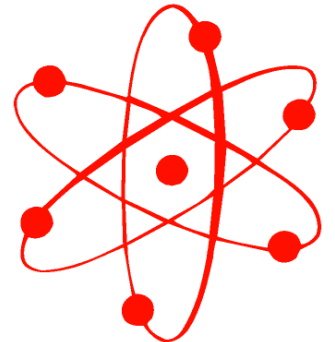
- ✓ Enhance Program Affordability
 - Auto-permitting
 - E-commerce
 - Use of 3rd party assessment tracking/monitoring
 - BMP effectiveness/trading)
 - Cost-effective measures/surrogates





Scientific Challenges: A National Perspective

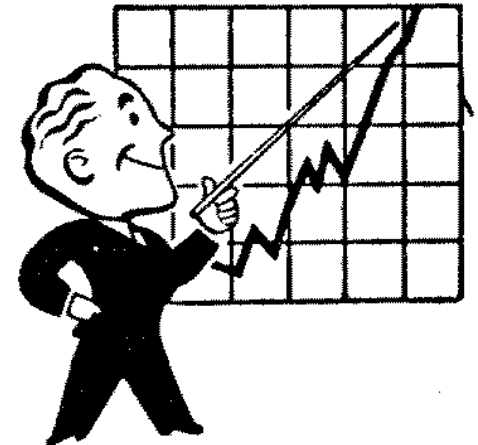
- ✓ Develop numeric criteria for the most common pollutants (sediment, pathogens).
- ✓ Distinguish between pollutants from stormwater Point vs. Nonpoint Sources.
- ✓ Demonstrate the effectiveness of BMPs.





Scientific Challenges: A National Perspective (cont.)

- ✓ Enhance data collection.
- ✓ Communicate scientific data in a simple and concise manner for public consumption.





Putting Stormwater in Perspective

The political, economic & scientific challenges may be most difficult when stormwater is one component of a cross-media or international problem.

This calls for collaborative innovation at all levels.





Adaptive Management

- Institute Common Sense Measures to Address Impairment
- Evaluate Results
- Take Next Logical Steps





Year of Clean Water

www.yearofcleanwater.org

- ✓ National Youth Watershed Summit:
Oct. 6-10, 2002
- ✓ National Water Quality Monitoring
Day: Oct. 18, 2002
- ✓ World Watershed Summit:
Oct. 31 – Nov. 1, 2002
- ✓ Seniors Watershed Summit:
Oct. 28 – 30, 2002





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www.asiwpca.org

www.yearofcleanwater.org

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