



# ***Watershed Approach to Sediment Material Management***

**Tracie Nadeau  
Office of Wetlands, Oceans  
and Watersheds**

***Managing Sediments in the Watershed: Bringing Dredged  
Material and Watershed Managers Together***

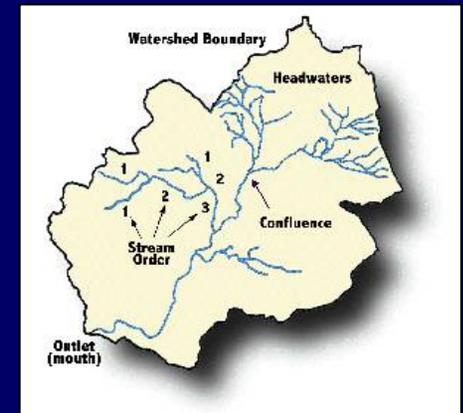
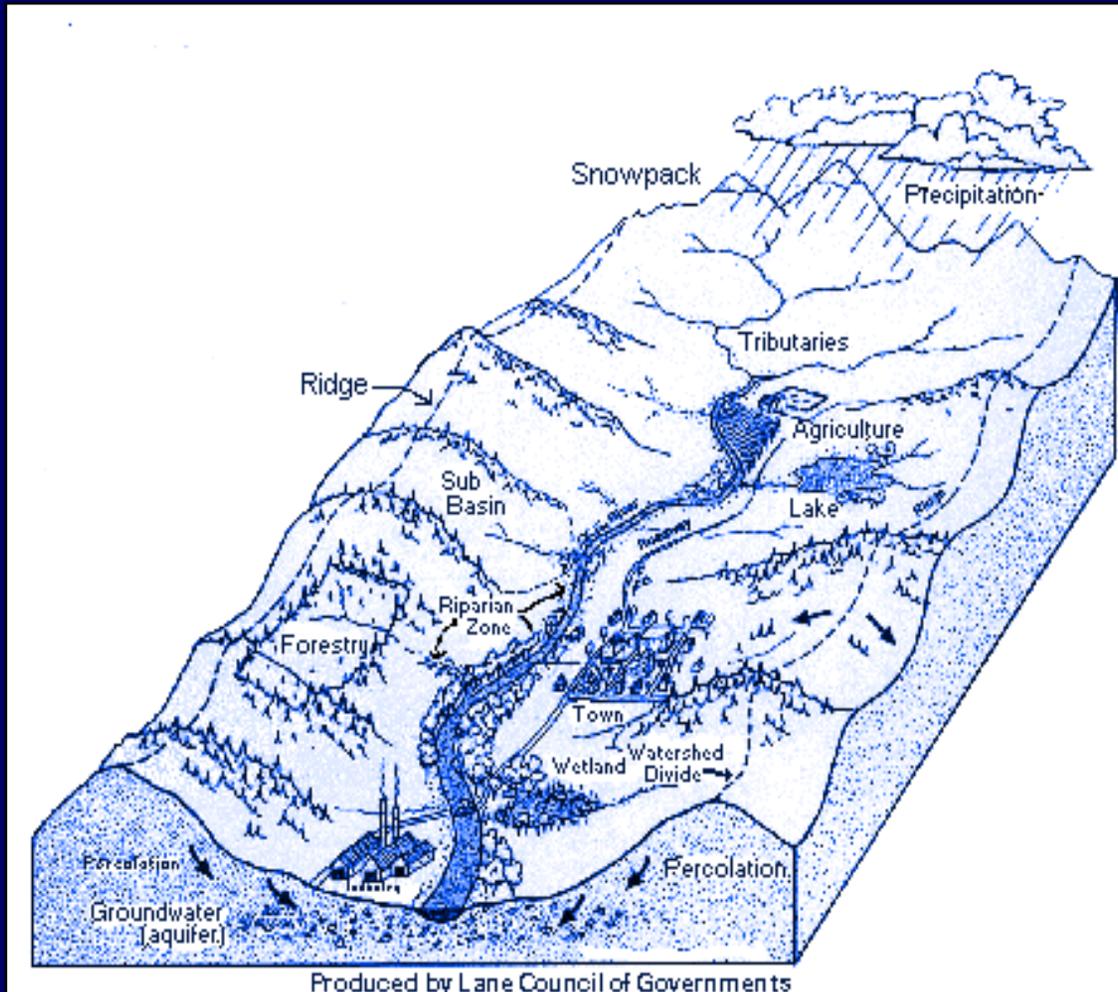
**August 29-31, 2006  
Portland, Oregon**

# Watershed Approach

## Office of Wetlands, Oceans and Watersheds

- Focus on hydrologically defined areas
- Involvement of all stakeholders
- Use of iterative planning to address priority water resource goals
- Use of an integrated set of tools and programs

# Hydrologically Defined Areas

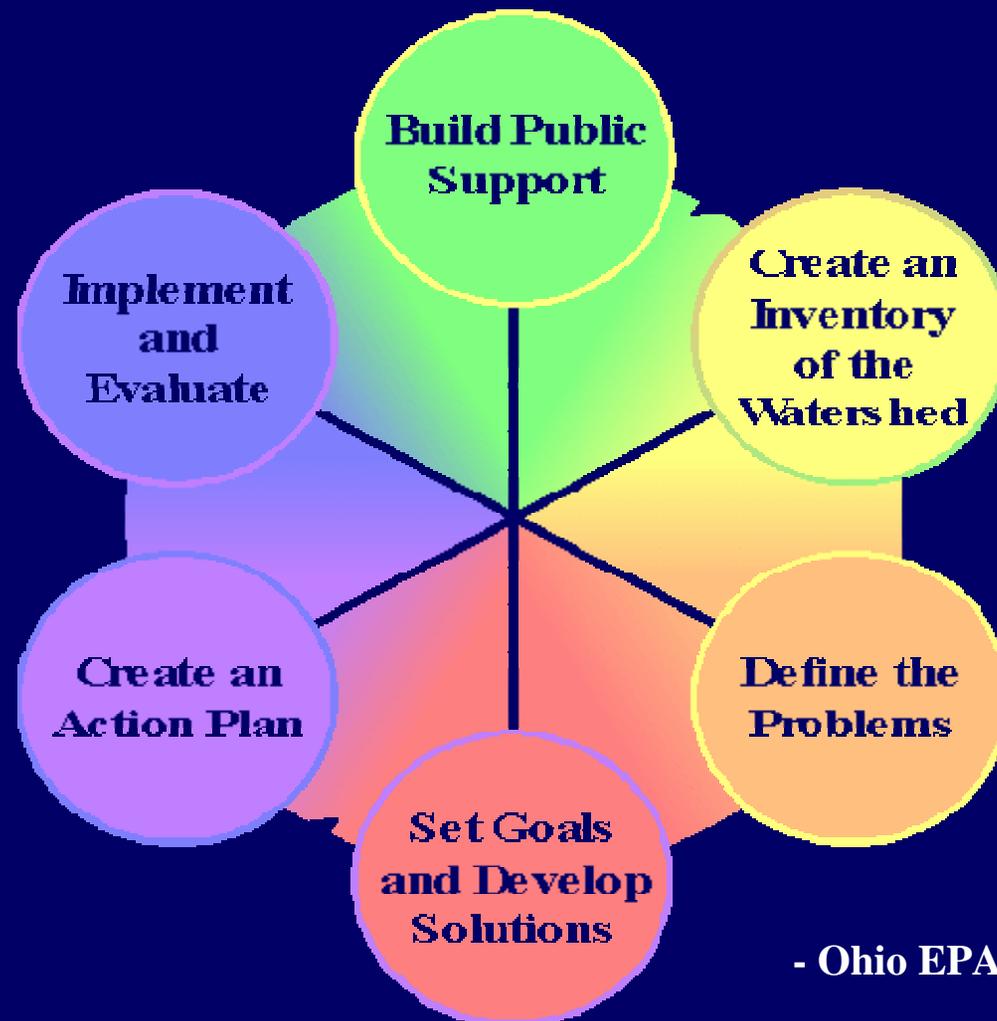


# Stakeholder Involvement



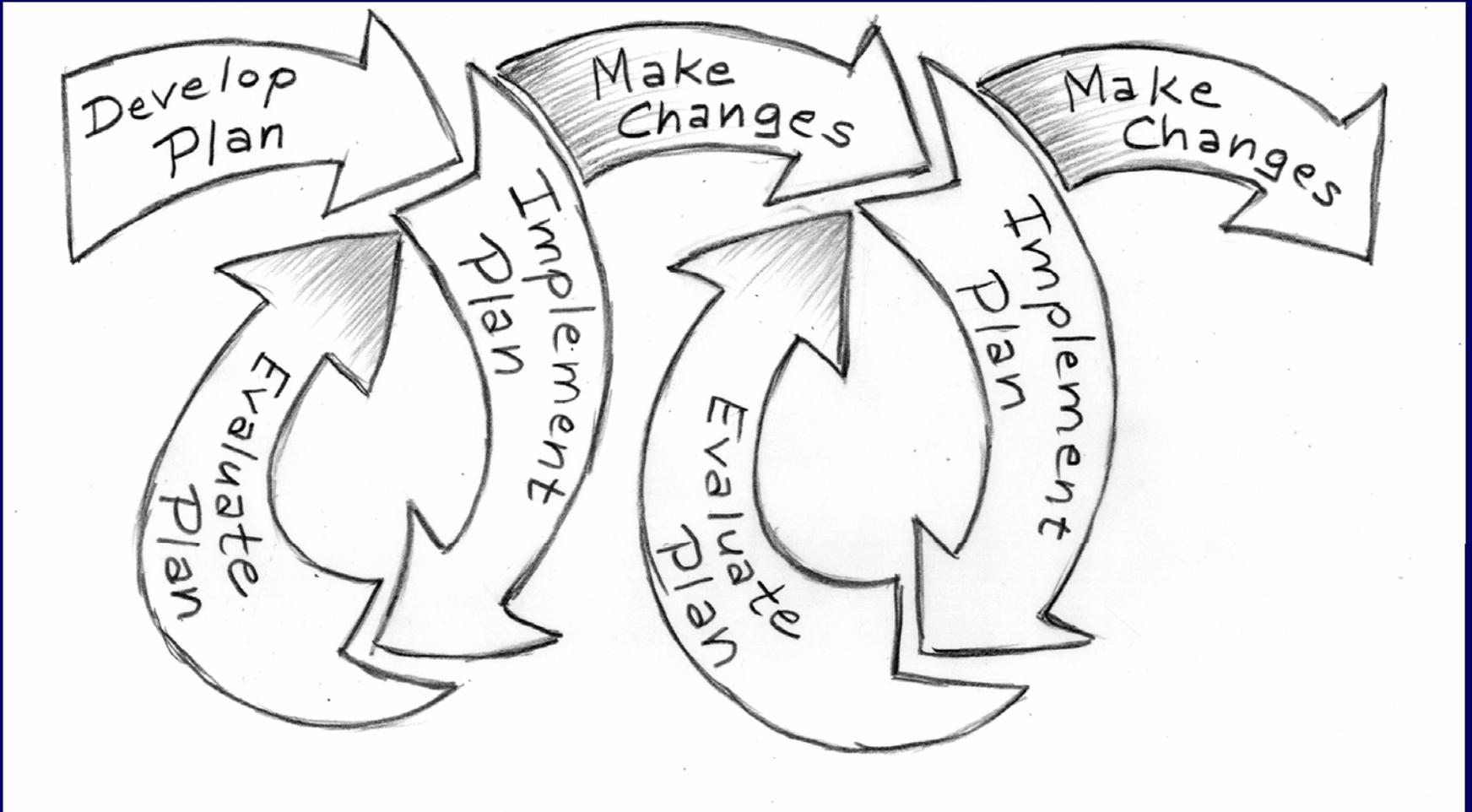
- Who has a stake in developing collaborative solutions?
- Who is affected?
- Who has information?
- Who is responsible for implementation?
- Who can provide technical and financial support?

# Implementation Through Watershed Planning



- Ohio EPA

# Watershed Planning is Iterative



# Integrated Set of Tools and Programs



- Integration through partnerships
- Coordination with other water resource and land use programs (regulatory, voluntary, public and private)
- Leveraging available resources to meet common water resource goals



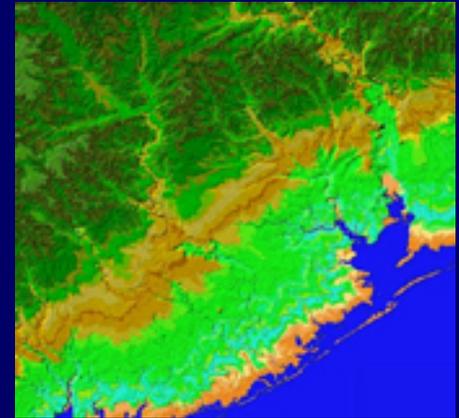
# What can watershed plans provide?

- ◆ **Clear Purpose & a Roadmap** - Needed to coordinate complex scientific, social, and economic activities
- ◆ **Accountability** – What indicators are we going to count and why are they important to watershed resources?
- ◆ **Program Integration through Partnerships**  
- TMDLs, 319, NPDES, Source Water Protection, Wetlands Protection, Farm Bill Programs, local planning, private investment

# Watershed Approach to Sediment Management

- Considers the regional sediment system
- Recognizes sediment as part of hydrologic system
- Engages partners to identify sediment concerns and common objectives
- Uses regional sediment watershed management strategies to address goals
- Integrates across programs

# Benefits to Sediment and Watershed Managers



- **Address** sources of sediment (and contamination carried by sediment)
- **Leverage** funding and other resources (for improving navigation, flood and storm damage reduction efforts, and watershed protection efforts)
- **Reduce** port management costs by investing in watershed planning
- **Evaluate** better beneficial uses and disposal alternatives for dredged material



# Questions?

- [nadeau.tracie@epa.gov](mailto:nadeau.tracie@epa.gov)
- OWOW's Watershed Academy:  
<http://www.epa.gov/owow/watershed/wacademy/>
- Handbook for Developing Watershed Plans:  
[www.epa.gov/nps/watershed\\_handbook/](http://www.epa.gov/nps/watershed_handbook/)