

The State of Water

A Framework to Support State and Regional Water Resources Planning & Management

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USACE Planning Community of Practice Conference 2008
San Antonio, TX
May 20, 2008

Water World Has Changed

2001
9/11

Population Migration

Global Warming

Water Conflicts Between States

2004
Our Last Civil Works Strategic Plan

Growing State Water Resources Capabilities

Aging Infrastructure

Growing Backlog CG, O&M

Sedimentation a Bigger Issue

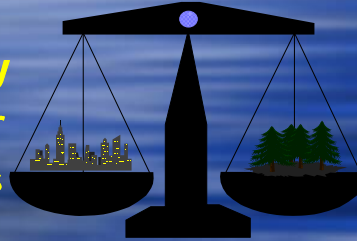
Declining Discretionary Funding

Droughts

Disappearing Wetlands & Coasts

A New Era

- ◆ Era of large federal, single-purpose water projects is over
- ◆ Era of Corps as sole decision maker and technical expert for water solutions is over
- ◆ Water resources community recognizes need for broader interest for water resources planning
- ◆ There is a need and more desire for collaborative regional planning

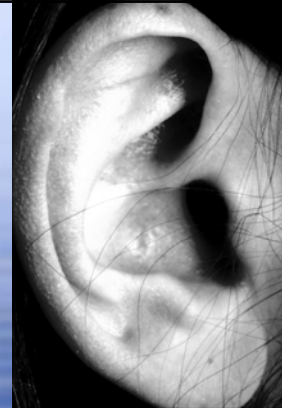


Operating Premises

- ◆ Water conflicts will persist
- ◆ Responsibility will continue to be shared
- ◆ Improved intergovernmental cooperation is essential
- ◆ Improved water resources planning is critical
- ◆ States must do the lion's share of water resources planning
- ◆ There is a federal interest in supporting State water resources planning
- ◆ The Corps will benefit from supporting water resources planning
- ◆ The Corps and Interstate entities can support State and regional water resources planning with States and Interstates in the lead

We've Listened to States... They Want

- ◆ Sustainable resources
 - ◆ Ecological
 - ◆ Financial
 - ◆ Political Support
- ◆ **Assistance planning a comprehensive and long-term water future**
- ◆ Reliable water supply for growth and development
- ◆ **Protection of critical water infrastructure**
- ◆ Ability to depend on Federal disaster assistance



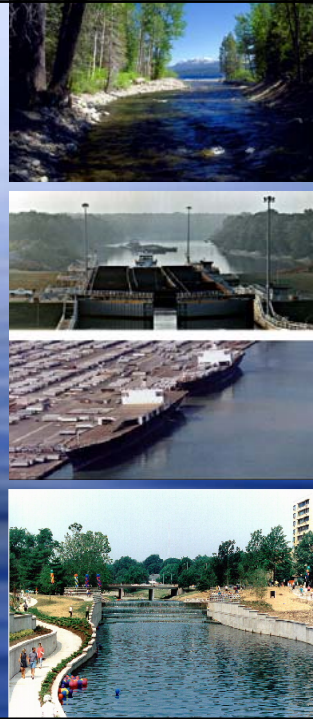
Some Say...

- ◆ The Federal government should support State water resources planning because
 - ◆ **The problems are urgent and cross boundaries**
 - ◆ The Federal government possesses the capabilities to help
 - ◆ **There is broad support and willingness to elevate water issues and needs to a higher level**
- ◆ **The time is right...**

Our Vision is....

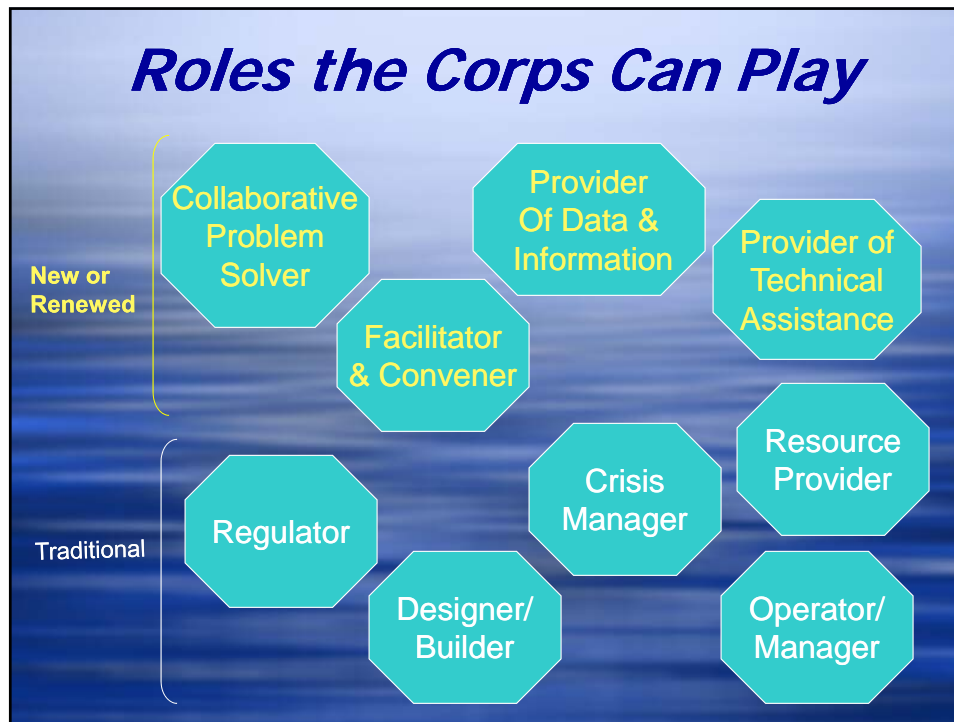
Leverage our facilitation, life-cycle infrastructure planning approach, problem solving, and R&D capabilities to **collaborate with states to develop comprehensive, integrated, sustainable water resources solutions** in a risk-management framework

You can do it... We can help.



The Federal Role

- ◆ Prevent and manage disasters
- ◆ **Manage public water resources infrastructure**
- ◆ Solve water resources problems
- ◆ **Facilitate and convene discussions for collaborative planning, information sharing, conflict resolution**
- ◆ Subsidize R&D
- ◆ **Protect aquatic resources**
- ◆ Inform and educate
- ◆ **Set and enforce high standards based on principles**
- ◆ Protect equity, especially for disadvantaged



How the Corps Can Assist

- ◆ Stretch the envelope on what we currently do
- ◆ **Build a "Water Support Toolbox"**
- ◆ Change our thinking
- ◆ **Leverage resources internally and across Federal agencies**
- ◆ Work more closely with States and Interstate organizations on a water needs assessment
- ◆ **Reinforce the political will to act**
- ◆ Identify need for new authorities and missions

How the Corps Will Assist

- ◆ Emphasize current comprehensive project formulation authorities
 - ◆ Section 729 of the Water Resources Development Act of 1986 as amended
 - ◆ Apply lessons learned from fully funded watershed studies
- ◆ **Emphasize Planning Assistance to States (PAS)**
- ◆ Use systems approach
- ◆ Streamline permitting -- especially within a watershed view
- ◆ Promote Implementation of WRDA '07 (PL 110-114)
 - ◆ Sec. 2013. Technical Assistance
 - ◆ Sec. 2017. Access to water resources data
 - ◆ Sec. 2033. Planning
 - ◆ Sec 5119. Statewide comprehensive water planning (Oklahoma as an example)
- ◆ **Apply new thinking to traditional functions**

New Thinking

Focus	From	To
◆ SUCCESS =	◆ Projects	◆ Comprehensive Plans
◆ CRITERIA	◆ NED benefits 1st	◆ More balanced NED, RED, EQ, OSE benefits
◆ WORK	◆ Stay in your functional lane	◆ Seek horizontal integration
◆ KNOWLEDGE	◆ Knowledge is power	◆ Share knowledge
◆ STYLE	◆ Follow SOPs as recipes	◆ Think creatively, consider risks, think systems
◆ MONEY	◆ Save Federal \$	◆ Leverage resources
◆ LIFE CYCLE	◆ Plan and build	◆ Plan, fund, monitor for full project life cycle

Revitalize Existing Projects

- ◆ **Revitalization=addressing increasing and changing demands and taking maximum advantage of excess capacity that exists in many projects**
- ◆ **Examine Untapped capabilities of existing Corps reservoir projects**
- ◆ **Do "Portfolio Planning" in the context of State water needs**

FY09 Budget by Business Line

Business Line	FY09 Budget (\$000)
Navigation	\$1,892,000
Flood Damage Reduction	1,322,000
Environment	511,000
Hydropower	319,000
Recreation	270,000
Emergency Management	58,000
Regulatory	180,000
Water Supply	6,000
Management & Oversight	183,000
Total	\$4,714,000
Support For Others	\$4,000,000

Budgets & Appropriations

	FY06	FY07	FY08	FY09
	\$ Millions			
Investigations	95	94	90	91
Operation & Maint.	1,979	2,258	2,471	2,475
Construction	1,637	1,555	1,523	1,402
Mississippi River & Tribs	270	278	260	240
Regulatory Program	160	173	180	180
Flood & Coastal Emerg.	70	81	40	40
F.U.S.R.A.P.	140	130	130	130
Expenses	162	164	177	177
ASA(CW)	0	0	0	6
Total Budget Request	4,513	4,733	4,871	4,741
Appropriation	5,329	5,340	5,592	
Approp. > Budget	+816	+607	+721	

The Way Forward

We will...

- ◆ Ask our Division offices to get familiar with State water plans
- ◆ Build a "Support Toolbox" to leverage Federal authorities, data, models, tools, methods, partnerships, case studies, lessons learned, etc. to support States
- ◆ Engage discussions to find ways we can work more/better with States
- ◆ Seek ways to leverage resources across stakeholders inside and outside government
- ◆ Work with States to ID actionable strategies to foster a stronger Feds-States partnership
- ◆ Form strong coalitions to build political will to view the Nation's water infrastructure as a priority and achieve a commitment for funding

The Way Forward

Establish a new "State of Water PDT"

◆ Purpose

- ◆ Assess State water plans
 - ◆ How comprehensive?
 - ◆ How integrated?
 - ◆ How well implemented?
 - ◆ Needs and opportunities
- ◆ Identify what Federal government and Interstates can now do to support State and regional comprehensive and integrated planning and management
- ◆ Clarify what more needs to be done, can be done

◆ Objectives

1. Identify State and regional water resources capabilities.
2. Identify State and regional water resources needs.
3. Leverage Federal resources to meet State and regional water resources needs within current authorities and resources.
4. Prioritize initiatives to support States.
5. Seek the political will to meet future water needs.

The Way Forward

"State of Water Project" Roles and Responsibilities

USACE

- ◆ **Executive Committee** - provide guidance, evaluate and recommend strategies, make decisions, liaison with other Federal agencies and OMB
 - ◆ Chair = Steve Stockton, Director, Civil Works
 - ◆ HQUSACE CW SES Chiefs
 - ◆ 3 Field SES reps (rotate)
 - ◆ Other Federal agency representatives
- ◆ **"State of Water" PDT** - conduct assessments, formulate recommendations, plan and conduct regional and national meetings, serve as a hub
 - ◆ **PM** = Ada Benavides, HQUSACE
 - ◆ **Chief, Planning and Policy**, HQUSACE
 - ◆ **Reps from Ops & Engineering CoPs**
 - ◆ **Business Line Managers**
 - ◆ **RBC Reps**
 - ◆ **Reps from IWR**
 - ◆ **Larry Prather, Special Assistant**
 - ◆ **Julie Marcy, Joan Pope (ERDC)**
 - ◆ **CW Strategic Planner**
 - ◆ **Contractor Support**

The Way Forward

"State of Water Project" Roles and Responsibilities

- ◆ **Regional Business Centers** -- manage inter-disciplinary team to coordinate State assessments and build the Support Toolbox -- **we'll give seed \$**
 - ◆ Team Leader = Chief, RBC's New Business Development Dir
 - ◆ Members = DPM or DDPM, reps from Project or Program Management, Planning, Regulatory, Engineering, Environment, Contracting, Legal Services Divisions and Offices
- ◆ **Interstates and NGOs** -- provide contracted and in-kind services to coordinate regional assessments, advise about water resources needs and opportunities, liaison with Congress
 - ◆ Team Leader = Interstate Council on Water Policy (ICWP)
 - ◆ Delaware River Basin Commission
 - ◆ Interstate Commission on the Potomac River Basin
 - ◆ Susquehanna River Basin Commission
 - ◆ Great Lakes Commission
 - ◆ Ohio River Basin Commission
 - ◆ Upper Mississippi River Basin Association
 - ◆ American Water Resources Association (AWRA)
 - ◆ National Water Resources Association (NWRA)
 - ◆ American Society of Civil Engineers (ASCE)

A Phased Approach

Phase I -- Build Support Toolbox and Plan and Conduct Assessments

- ◆ **Build Federal Support Toolbox**
- ◆ **Read and Review State Water Plans**

Phase II -- Report Out and Discuss Implications

- ◆ **Report on State and Regional Needs & Opportunities**
- ◆ **Conduct Regional Meetings**
- ◆ **Identify Federal Responses**
- ◆ **Conduct National Meeting with Federal Partners**

A Phased Approach

Phase III-- Take Action to Match Resources to Needs

- ◆ **Identify Federal Responses**
- ◆ **Identify Priorities & Action Plan**

A Phased Approach

Phase I -- Build Support Toolbox and Plan and Conduct Assessments

- ◆ **Build Federal Support Toolbox**
 - ◆ **PDT consolidates current "tools" -- what can offer States to tackle water issues**
 - ◆ **Federal authorities, technologies, processes, data, lessons learned, etc.**
- ◆ **Read and Review State Water Plans**
 - ◆ **Work with ICWP to plan review of State Water Plans and regional meetings**
 - ◆ **ICWP assesses status of State water planning and meets with State water resources representatives**
 - ◆ **RBCs review State water plans for their region**

A Phased Approach

Phase II --Report Out and Discuss Implications

- ◆ **Report on State and Regional Needs & Opportunities**
 - ◆ ICWP issues written summary of how States are tackling water needs
 - ◆ RBCs provide written assessment of State water needs
- ◆ **Conduct Regional Meetings (sequentially across 3 regions)**
 - ◆ Corps plans and conducts regional meetings -- RBCs lead
 - ◆ Discuss implications -- needs and opportunities -- for water resources by State and region

A Phased Approach

Phase II --Report Out and Discuss Implications (cont'd)

- ◆ **Conduct National Meeting with Federal Partners**
 - ◆ Corps co-plans and conducts national meeting with 1+ Federal partner
 - ◆ Discuss implications -- needs and opportunities -- for water resources by State and region
 - ◆ Propose a framework for Federal support to States
 - ◆ Develop a Communication Strategy for OMB and Congress

A Phased Approach

Phase III-- Take Action to Match Resources to Needs

- ◆ **Identify Federal Responses**
 - ◆ Plan/conduct national meeting to review regional needs and opportunities
 - ◆ Discuss Federal response
- ◆ **Identify Priorities & Action Plan**
 - ◆ National Water Resources Advisory Gp
 - ◆ New legislation to avert water crises and to prioritize robust national and regional water resources response?
 - ◆ Key strategies to put water issues on decision makers' radar screens
 - ◆ Communications Strategy

A Timeline

A Picture of the Future

- ◆ **Stronger** partnerships for collaborative problem solving
- ◆ **A comprehensive** strategy to inform and educate
- ◆ **Smarter** regional planning
- ◆ **Advocacy** for critical national water needs
- ◆ **Joint efforts/resources** to achieve common goals



Questions?

*What does this mean
for you?*

*Let me or Ada
Benavides know by
e-mail beyond this
conference*