



Sustainable Water Resources Roundtable

by

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National Efforts

- Environmental Operating Principals
 - Strive to achieve Environmental Sustainability.*
 - An environment maintained in a healthy, diverse, and sustainable condition is necessary to support life.*
- Revisions to P&G



Regional Efforts

- 200 year vision for the Mississippi River
- America's Inner Coast Summit
- Environmental Management Program (EMP)
- Navigation and Ecosystem Sustainability Program (NESP)



America's Watershed: A 200-year vision

An Intergenerational Commitment

Our people ...

- Enjoy a quality of life unmatched in the world.
- Lead secure lives along any river or tributary in the basin.
- Enjoy fresh air and the surrounding fauna, flora, and forests while hunting, fishing, and recreating along any river or tributary in the basin.
- Travel easily, safely, and affordably to various destinations in the watershed.
- Drink from and use the abundant waters of any river, stream, or aquifer in the basin.
- Choose from an abundance of affordable basic goods and essential supplies that are grown, manufactured, and transported along the river to local and world markets.



America's Inner Coast Summit

June 22-24, 2010 St. Louis, MO

- ***100+ partners and stakeholders***
 - ***NGO*** - ***Tribes*** - ***Landowners***
 - ***States*** - ***Industry*** - ***Academia***
 - ***Communities***
- ***Discuss and develop a vision for the multi-use America's Inner Coast/Mississippi River.***
- ***Develop high-level recommendations for sustainable Mississippi River***



Upper Mississippi River Restoration Program (EMP)

- 3 Corps Districts: St. Louis, Rock Island and St. Paul
- Habitat Rehabilitation and Enhancement Projects (HREP)
 - 39 Projects completed, 21 underway
 - Backwater dredging
 - Island creation
 - Side channel water levels
- Long Term Resource Monitoring



Long Term Resource Monitoring Program

24 indicators of the ecological condition
grouped into seven categories:

- hydrology
- sedimentation
- water quality
- land cover
- aquatic vegetation
- invertebrates
- fish



Navigation and Ecosystem Sustainability Program (NESP)

- Feasibility Study and EIS completed
- Authorized by WRDA 2007
- Currently in Preconstruction Engineering and Design (PED) on 30+ projects
- Requires new start appropriation to move into construction



US Army Corps of Engineers





Environmental Operating Principles

1. **Strive to achieve Environmental Sustainability. An environment maintained in a healthy, diverse, and sustainable condition is necessary to support life.**
2. Recognize the interdependence of life and the physical environment, and consider environmental consequences of Corps programs and activities in all appropriate circumstances.
3. Seek balance and synergy among human development activities and natural systems by designing economic and environmental solutions that support and reinforce one another.
4. Continue to accept corporate responsibility and accountability under the law for activities and decisions under our control that impact human health and welfare and the continued viability of natural systems.



Environmental Operating Principles

5. Seek ways and means to assess and mitigate cumulative impacts to the environment; bring systems approaches to the full life cycle of our processes and work.
6. Build and share an integrated scientific, economic & social knowledge base that supports a greater understanding of the environment and impacts of our work.
7. Respect the views of individuals and groups interested in Corps activities; listen to them actively and learn from their perspective in the search to find win-win solutions to the Nation's problems that also protect & enhance the environment.