

# General Lessons on Water Management

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- Water development is initially motivated by the need to reduce water insecurity (floods, droughts) and to build a water platform for economic growth
- Success in meeting original water challenges give rise, over time, to a new set of challenges, which arise largely because of the success of the original challenges
- Water management options for the future are dependant on what now exists, in terms of both institutions and infrastructure
- Societal values change over time and with the level of economic development
- All water management solutions are provisional

# America's Watershed: A 200-year working vision

## *An Intergenerational Commitment*

**Our people enjoy a quality of life unmatched in the world. We ...**

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

*Leveraging local citizens' input, international dialogue, science, engineering, technology and public policy*



*The Mississippi watershed is 41% of the US, 31 states, 1.25 million square miles, over 250 tributaries*

### *Balancing needs for ...*

- ❖ **National security & flood damage reduction**
- ❖ **Environmental sustainability & recreation**
- ❖ **Infrastructure & energy**
- ❖ **Water supply & water quality**
- ❖ **Movement of goods; agriculture & manufacturing**

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