# **Army Corps of Engineers Infrastructure Investment**

Presentation to

U.N. High-Level Experts & Leaders Panel

on Water and Disasters

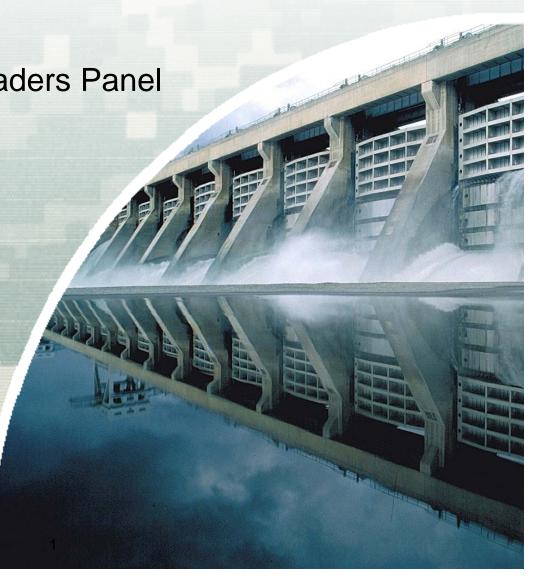
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US Army Corps of Engineers
BUILDING STRONG®



### USACE's Annual Investment in America

















## Hurricane Katrina: The Cost of Failure to Invest...

#### Pre-Katrina "System" 2005

50% complete after 40 years



#### **\$14B Post-Katrina System**

Designed and constructed in 6 years







## Infrastructure Investments \$900M/Year



- 709 Dams and Reservoirs
  - 2500 Levee Systems

14,500 miles of levees

#### **Primary Purposes**

Flood Risk Management
Low Flow Augmentation
for Water Quality & Navigation
Aquatic Ecosystems

#### **Secondary Purposes**

Recreation
Fish & Wildlife Conservation

Water Supply Hydropower



### **Investment Actions**

- Study/Design for sea level change
- Reservoir capacity analysis
- Vulnerability assessments
- Access to water data
- Sustainability/Resilience
- Update drought contingency plans
- Exercise flexibility in reservoirs operations
- Risk communications



## Infrastructure Strategy









# Leveraging Resources (Alternative Financing)



Red River of the North, Fargo, ND/Moorhead, MN



