



Operating Environment

- **Project Design and Deficiencies**
- **System Maintenance and Regulatory Constraints**
- **Paterno 2003**
- **Katrina 2005**
- **Land Use Changes**
- **FEMA Map Modernization**
- **Global Climate Change**
- **Costs and Funding**

Guiding Principles

- **Maintain or Reduce Cumulative Risk**
- **Improve and Stabilize System Performance**
 - **System Works**
 - **Watersheds**
 - **Floodplains and Protected Open Space**
- **Prioritize Investments**
- **Achieve Investment Efficiency**
- **Enhance Environmental Values**

Plan Elements

- **Structural Features**
- **Land Use**
- **Flood Operational Efficiency**
- **Risk Mitigation**
- **Development Risk Offset**

Urban Flood Protection Strategies

- **200-year Design Storm or Better**
- **No Overtopping Failures**
- **Terrorism Resistance**
- **Intense O&M and Emergency Response**
- **Public Risk Awareness and Training**
- **Flood Insurance**
- **Flood Corridors for Multiple Benefits**

Rural Flood Protection Strategies

- **1957 Corps Design Profile**
- **Support Levee and Channel O&M**
- **Flood Insurance; Equity Considerations**
- **Support for Existing Small Communities**
- **Levee Setbacks where Locally Supported**
- **Preserve Open Space: Economics**