



# USGS-ICWP Stakeholder Roundtables

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# National Streamflow Information Program – NSIP

- Started in 2001 to Develop a Federal “Backbone Network” of Streamgages
  - Streamflow forecasts
  - Compacts & decrees; interstate and international borders
  - Major river basin (hydrologic accounting unit) outflows
  - ‘Sentinel’ watersheds
  - Water quality

# National Streamflow Information Program – NSIP

- Design Network of 4700 Streamgages
- Hydrologic Analyses and Technology Development
- Full Cost of about \$115 million/year
- Current Status : \$ 20 million

# Cooperative Water Program

- Stream gages 4,700
- Water quality stations 2,500
- Ground water levels 10,700
- Ground water quality 2,600
- Hydrologic Investigations 700

# Hydrologic Investigations

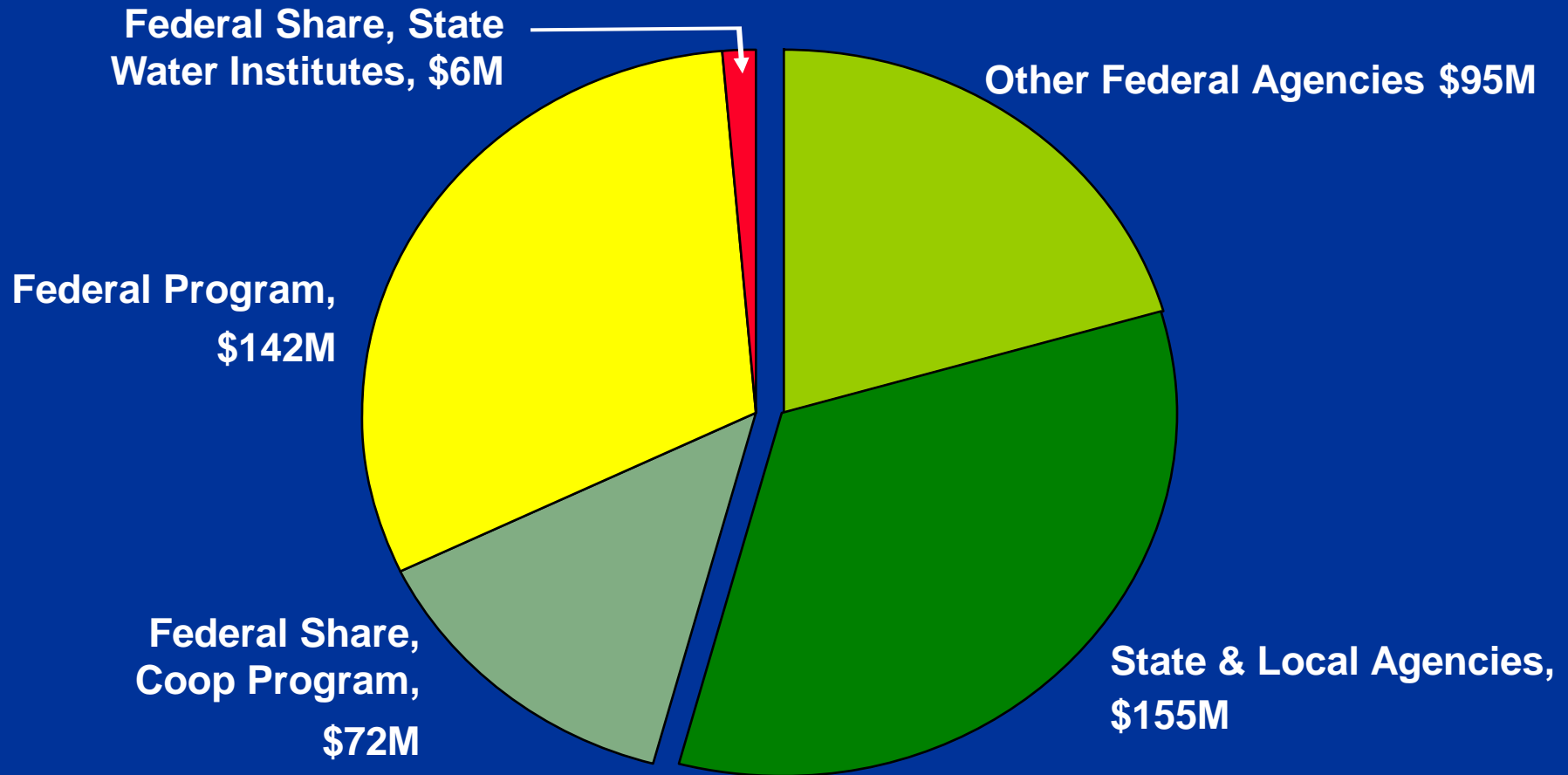
- Water Availability – GW Modeling
- Aquifer Storage and Recovery
- Flood Frequency Analyses
- Land Use Effects – Watershed Modeling
- Storm Water Management - Modeling
- Contaminant Distribution and Transport
- Drinking Water Quality
- Climate Change

# Program Strengths

- Shared cost and shared benefits
- Built-in relevance – Cooperator interaction
- Information universally available – accepted as impartial by all parties
- Supports States in addressing Federal mandates
- National standards – builds the USGS National data bases and supports National Assessments



# 2006 Water Resources Investigations, \$461M



# Stakeholder Meetings

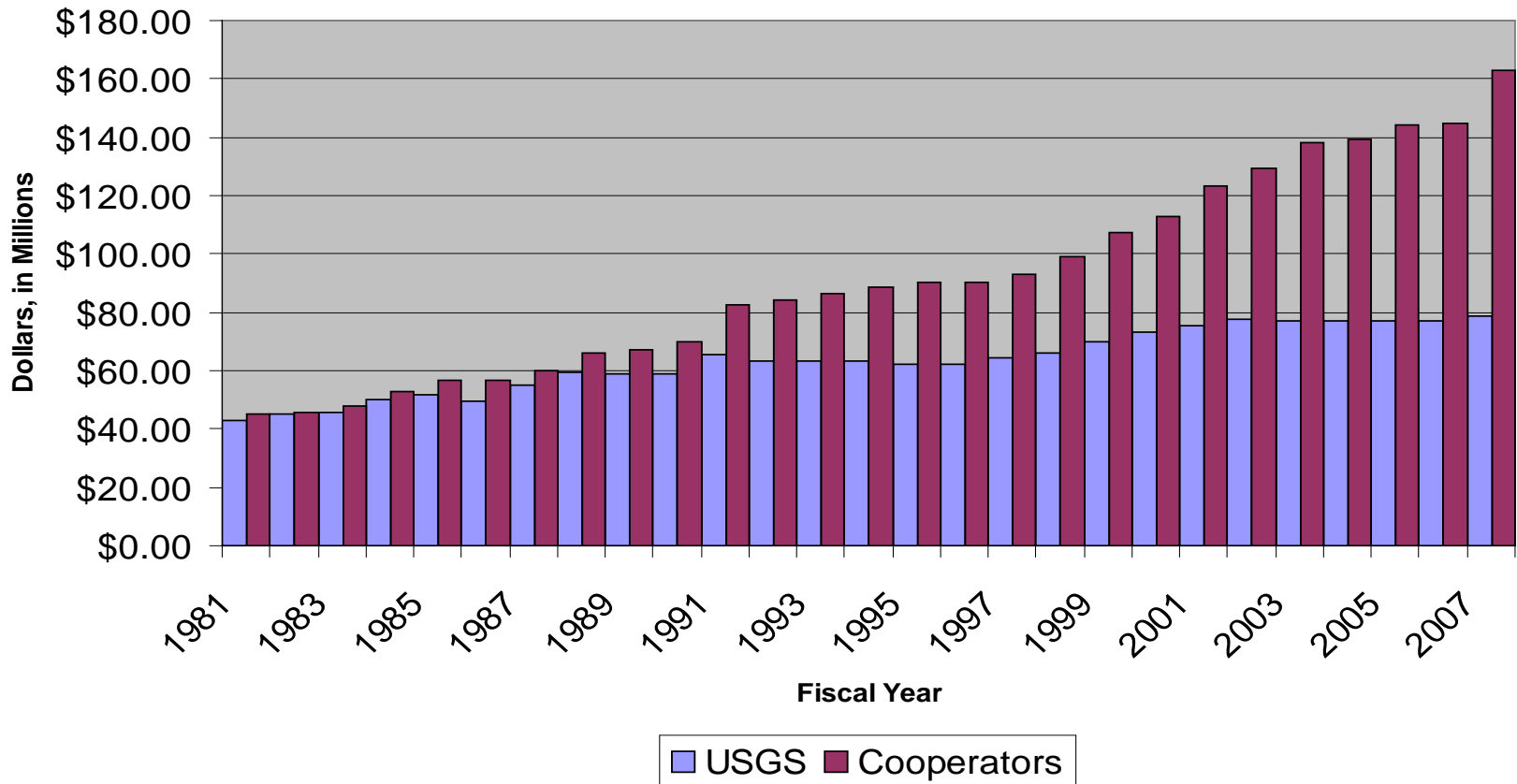
- **National Stakeholder Meetings**
  - Washington DC – 2005
  - Austin Texas - 2006
  
- **Austin Recommendations**
  - Optimize cost and efficiency
  - Enhance Federal funding
  - Prioritization of Data vs. Studies
  - Enhance Communications – local /regional

# 2006-2008 Initiatives

- **Streamgaging Cost Comparison Study**
- **Internal review of Streamgaging Costs**
- **Furnished Records Guidance**
- **Agreements with Private Parties**
- **Technical Advances**
  - **Graphical Rating Curves**
  - **Doppler Profiling**
  - **Data Delivery**

# Cooperative Water Program Funding Trends 1980-2006

## Cooperative Water Program Funding Trends



# Additional Stakeholder Meetings

- **Regional Stakeholder Meetings**
  - **Athens, Georgia – March 2007**
  - **Sacramento, California – May 2007**
  - **Upper Mississippi – November 2007**
  - **Upper Missouri – August 2008**
  - **Ohio River – September 2008**
  - **Florida – November 2008**
  - **MidAtlantic – January 2009**

# Regional Stakeholder Meetings

- Promoted an Open Dialogue Between USGS and Cooperators
- USGS Heard Cooperator Support and Concerns
- Cooperators Learned about the Full Scope of NSIP and CWP – Better Appreciate the Challenges
- Empowered to Take Action

# Stakeholder Recommendations

- **For USGS:**
  - **Restore 50/50 match – Increase Funding for CWP and NSIP**
  - **Data vs. Studies: Data and Studies**
  - **Keep Decisions at WSC Level**
  - **Better Engage Cooperators – Statewide Meetings**
  - **Promote a Regional Approach to Work**
  - **Better Explain NSIP and Funding Decisions**
  - **Optimize Streamgaging Networks Statewide**
  - **Better Integrate with State and Local Networks**
  - **Earlier Reporting of Study Results – Fact Sheets**

# Stakeholder Recommendations

- **For Cooperators:**
  - **Promote CWP and NSIP with the Congress and the Administration – Enhance Funding**
  - **Engage with USGS to Understand Opportunities and Challenges + Discuss Priorities**
  - **Support Creative Funding Approaches – W VA Streamgaging Council**
  - **Organize Public Media Events to Highlight CWP/NSIP**
  - **Better Integrate State and Local Networks with**

