

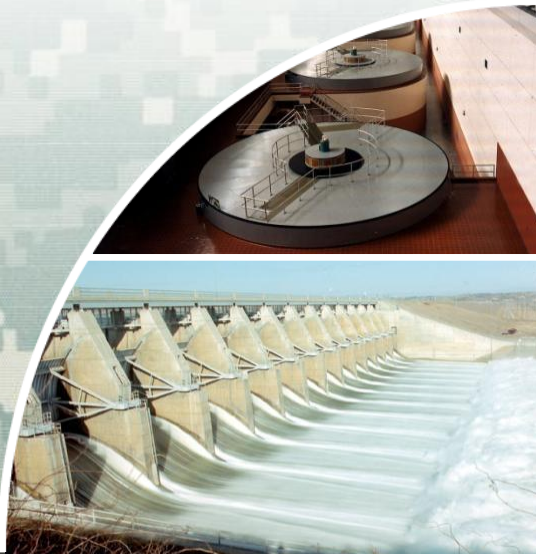
# Missouri River Association of States & Tribes

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US Army Corps of Engineers  
**BUILDING STRONG**



## Post-Flood Assessment

- **Flood fighting After Action Review**
- **Water Management Technical Reviews**
  - ▶ Independent External Peer Review
  - ▶ Internal Review - Post Flood Report
- **Infrastructure** damage assessment (dams, levees and navigation structures)
- **Basin** impact assessment
- **Missouri River Flood Task Force (MRFTF)**



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## Review of the Regulation of the Missouri River Mainstem Reservoir System during the Flood of 2011



### Independent Technical Review Panel-- 6 recommendations

“The flood was a record-breaking event with unprecedented levels of runoff than could not be predicted in advance, and the Corps responded well to a difficult test of historic dimensions.”

“...Corps personnel were attempting to...operate the system using the best available methods and to minimize the overall negative consequences.”



## MRFTF Recap & Timeline

- **Kickoff Meeting** - Oct. 2011 – Denver, CO
- **Second Meeting** - Dec. 2011- Overland Park, KS
- **Third Meeting** – 28 Feb 2012 – Omaha, NE
- **Final Meeting** – 24 May 2012 – Omaha, NE
  
- **Robust attendance** (70-100 representatives of States, Tribes, Feds, Stakeholders, Press)
  
- **Co-chaired** by the FEMA (Region 7), NRCS (central region) and the Corps (NWD)



# 10 MRFTF Working Groups

- Navigation
- Levee Repair
- River Management
- Infrastructure
- Agriculture
- Communications
- Floodplain Management
- Hydropower
- Regulatory/Permitting
- Tribal Support

<p><b>MRFTF Working Groups</b></p> <ul style="list-style-type: none"> <li>• Levee Repair</li> <li>• Agriculture</li> <li>• Tribal Support</li> <li>• Regulatory/Permitting</li> <li>• Communications</li> <li>• Floodplain Management</li> <li>• River Management</li> <li>• Hydropower</li> <li>• Navigation</li> </ul> <p>List of ways the public can get involved in USACE post-flood recovery efforts:</p> <ul style="list-style-type: none"> <li>• Product Document Review -</li> </ul>	<p>coordination, and permitting requirements; These coordinated efforts will ensure timely immediate future, and lead to a comprehensive</p> <p><b>Membership:</b></p> <ul style="list-style-type: none"> <li>• Federal agencies with authorities and responsibilities in the MRB</li> <li>• Tribal members designated by their tribal chairman to participate</li> <li>• State government designated leads</li> </ul> <p><b>Partners, Observers, Contributors:</b></p> <p>We intend to perform this work in an open, transparent and collaborative way, such that others in the basin (non-governmental organizations, associations,</p>
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# MRFTF Website

<http://www.nwd.usace.army.mil/MRFTF/>

<p><b>MRFTF News Releases</b></p> <p><b>Flood Resources</b></p> <p><b>MRFTF Second Meeting:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Status of Flood Recovery Presentations</a></li> <li>• <a href="#">Working Group Presentations</a></li> <li>• <a href="#">Dec 12 Agenda</a></li> <li>• <a href="#">Dec 12 Meeting Summary</a></li> </ul> <p><b>MRFTF Kickoff Meeting:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Federal Presentations</a></li> <li>• <a href="#">State Presentations</a></li> <li>• <a href="#">Partner Contributor Presentations</a></li> <li>• <a href="#">MRFTF Kickoff Agenda</a></li> <li>• <a href="#">Oct21 Meeting Summary</a></li> </ul> <p><b>MRFTF Background:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">MRFTF Concept 1 Nov 11</a></li> <li>• <a href="#">MRFTF Concept Brief</a></li> <li>• <a href="#">MRFTF Draft Charter 27 Oct 2011</a></li> </ul>	<p><b>Missouri River Flood Task Force (MRFTF)</b></p> <p><b>Vision:</b></p> <p>There are many challenges associated with the immediate and long-term restoration of the Missouri River Basin flood plain for all levels of government (federal, tribal, state and local). In an era of constrained resources and many demands on the public treasury, the post-flood recovery period provides a window of opportunity for increased collaboration, shared vision and responsibility, wise investment of scarce resources, and streamlined decision making, all leading to a better future for the people we serve throughout the Missouri River Basin (MRB).</p> <p><b>Mission:</b></p> <p>The Missouri River Flood Task Force will provide a temporary forum for coordination, collaboration and cooperation among the federal officials and designated officers of state, local and Tribal governments within the States of Nebraska, Montana, Iowa, South Dakota, North Dakota, Wyoming, Kansas and Missouri. The mission of the Task Force is to complete initial repairs by 1 March 2012 and to conduct long term recovery activities in response to the Missouri River Basin flood of 2011 to address flood-plain management challenges and keep comprehensive flood risk reduction as a top priority. The Task Force is chartered to seize the opportunity to shape the future of the flood plain, and to set conditions for success for all involved by streamlining governmental processes; accelerating necessary assessments, coordination, and permitting requirements; and by applying agile and critical thinking to the problem set</p>	<p><b>Flood Risk Management – A Shared Responsibility</b></p>
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## Missouri System Repair Funds

- Supplemental disaster relief funding for Missouri River levee repairs received in late Dec. 2011
- Of the \$8.6 billion provision for disaster relief, \$1.7 billion will go to the Corps
- Missouri River Basin share ~ \$529 million
  - ▶ \$333 million for damage repairs to levees
  - ▶ \$196 million to repair damage at operating projects
- Missouri River Levee Rehab total: 75 levees damaged (w/in PL84-99)



## Ongoing MR Basin Activities

**MRFTF:** Missouri River Flood Task Force

**MRRP:** Missouri River Recovery Program

- Habitat creation, flow modification, science, public involvement

**MRRIC:** Missouri River Recovery Implementation Committee

- Provide recommendations on Missouri River recovery and mitigation

**MRERP:** Missouri River Ecosystem Recovery Program

- Not funded

**MRAPS:** Missouri River Authorized Purposes Study

- Not funded

**Proposed Legislation:** House and Senate bills introduced

**Water Management:** Water Quality

**O&M :** Hydropower, Fish Management, Recreation, Water Supply, Irrigation, BSNP



## Posture & Readiness: Missouri River Basin

- Dams are safe, sound, and operating as designed.
- Dams regained full flood control storage plus
- Levee Repairs – ongoing - will not impede function & are consistent with post-extreme releases
  - ▶ Critical repairs – expected completion o/a 01March 2012
  - ▶ work to address scours, erosion, seepage and loss of vegetation will continue through year.
- Greatest contingent threats to Missouri River Basin
  - ▶ large storm system(s) with substantial precipitation below Gavins Points
  - ▶ Unregulated flows into system below Gavins Point
  - ▶ Significant snow accumulations (plains & mountains) with unusual melting pattern
- Sustained vigilance and public education (particularly below dams or behind levees)

