MISSOURI RIVER RECOVERY PROGRAM
ADAPTIVE MANAGEMENT GOVERNANCE
AND THE COLLABORATIVE PROCESS

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*The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.*
PRESENTATION OUTLINE

- Governance Structure in MRRP
- MRRIC and Work Groups and ISAP
- Annual AM Governance Cycle
- Conflict Resolution
The approach for converting knowledge into improved decisions

**GOVERNANCE**

MRRP SAMP Governance Describes:

- WHAT decisions need to be made
- WHO is involved in the decision process
- HOW are decisions made
- WHEN are decisions required

Effective Systems of Governance Contribute to:

- Trust-Building
- Knowledge Generation
- Collaborative Learning
- Understanding of Interests
- Conflict Resolution

Governance Structure of MRRP AM
MISSOURI RIVER RECOVERY IMPLEMENTATION COMMITTEE
MRRIC

MEMBERSHIP

29 Stakeholders
1. Major Tributaries
2. Navigation
1. Thermal Power
2. Water Quality
2. Water Supply
2. Waterway Industries
2. At Large

2. Agriculture
1. Conservation Dist
2. Environ/Cons Orgs
2. Fish & Wildlife
2. Flood Control
2. Hydropower
2. Irrigation
2. Local Government

15 Federal Agencies
Bureau of Indian Affairs
Bureau of Land Mgmt
Bureau of Reclamation
EPA
Fed Highway Admin
Maritime Admin
National Park Service
NWS / NOAA
USACE
USDA Forest Service
USDA NRCS
USFWS
U.S. Geological Survey
U.S. Coast Guard
WAPA

21 Tribes
Blackfeet
Cheyenne River Sioux
Chippewa-Cree Indians
Crow Creek Sioux
Crow Nation
Eastern Shoshone
Flanderau Santee Sioux
Fort Belknap
Fort Peck
Iowa Tribe of Kansas & Nebraska
Kickapoo of Kansas
Lower Brule
Northern Arapaho
Northern Cheyenne
Oglala Sioux Pine Ridge
Omaha of Nebraska
Osage Nation
Ponca of Nebraska
Prairie Band of Potawatomi of Kansas
Rosebud Sioux
Sac and Fox Nation
Santee Sioux
Sisseton-Wahpeton
Oyate of Lake Traverse
Spirit Lake Sioux
Standing Rock Sioux
Three Affiliated Tribes
Turtle Mountain Chippewa
Winnebago of Nebraska
Yankton Sioux

8 States
Iowa
Kansas
Missouri
Montana
Nebraska
North Dakota
South Dakota
Wyoming
MRRIC STRUCTURE

Lead Agencies
- USACE
- USFWS

MRRIC Support
- Facilitation & Consensus Building Team
  - US Institute for Environmental Conflict Resolution, Tucson AZ
  - RESOLVE, Washington DC
- MRRIC Chair
- Vice Chair

MRRIC Decision Making
- Consensus
- Recommendations

AM Work Groups
- Bird
- Fish
- Human Considerations
- AM Governance Planning

Independent Science Advisory Panel (ISAP)
- Science
- Socio-Economics
### Missouri River Adaptive Management Annual Governance Activities: Generic Process Map

#### October
- Draft ADRP Meeting [USACE & USFWS]
- Final SLP Meeting [USACE & USFWS]

#### November
- President’s Budget Released

#### December
- Final SLP Meetings [USACE & USFWS]
- Final ADRP Meeting [USACE]

#### January
- Draft AM Meeting Report [USACE]
- Call/Workshop [Bird, Fish, etc. Teams, and Standards]

#### February
- Team Breakout Meetings [Bird, Fish, etc. Teams]
- Call/Workshop Report and Team Meeting Summaries [USACE]

#### March
- Draft Meeting Report [USACE]
- AM Workshop [Bird, Fish, etc. Teams, and Standards]

#### April
- Team Breakout Meetings [Bird, Fish, etc. Teams]
- Call/Workshop Summary [USACE]

#### May
- Final AM Report [USACE]
- Draft AM Workshop Report and Team Meeting Summaries [USACE]

#### June
- Final Strategic Plan Update [incl. Exec. Plans] [USACE]

#### July
- MRRIC Final Recommendation on Draft Updates to Strategic Plan [incl. Exec. Plans] [USACE]

#### August
- MRRIC Strategic Plan Recommendation Final Meeting—or Call—Final Consensus [USACE]

#### September
- Call/Workshop [Bird, Fish, etc. teams]
- Final Strategic Plan Update [incl. Exec. Plans] [USACE]

#### December
- Draft ADRP Meeting [USACE]

#### Key
- Call/Workshop: Meeting, Process
- Draft: Final
- Flow of input: Document Development Process

#### Team
- Update Calls [Bird, Fish, etc. Teams]

#### Team Meetings
- Summaries [USACE]

#### Call/Workshop
- Report and Team Meeting Summaries [USACE]

#### Draft AM Workshop
- Report and Team Meeting Summaries [USACE]

#### Draft Updates to Strategic Plan
- (incl. Exec. Plans) [USACE]

#### Final Strategic Plan Update
- (incl. Exec. Plans) [USACE]

#### Unit of Work
- AM Meeting Report [USACE]

#### MRRIC Strategic Plan Recommendation
- Final Meeting—or Call—for Final Consensus [USACE]

#### Color Coding
- Green: Strategic Planning Process
- Red: Strategic Planning—Overall
- Blue: Strategic Planning—Overall

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This process map depicts the proposed governance activities to be undertaken annually by the U.S. Army Corps of Engineers (USACE), the U.S. Fish and Wildlife Service (USFWS), and the Missouri River Recovery Implementation Committee (MRRIC) in the implementation of Adaptive Management (SAP) related to the endangered fish and wildlife in the Missouri River. *Additional details within the map and chart may be subject to change from year to year.*
Monitoring Activities

- **BIRDS**: APR - AUG
- **FISH**: MAR - OCT
Strategic Plan
- 5-year Rolling Plan for Program Implementation
- Science + Policy + Values
- Lays Out Future Actions and Priorities → Looks Forward
- Contingencies & Risk Management
- Fall / Spring versions

AM Workshop
- Discuss Program
  - Performance
  - Projections
  - Needs
  - Strategic Direction
  - Risks
- Adjustments
- Recommendations
- Summaries

Fall Science Webinar/Meeting
- Review Initial Observations from Field Season
- Assess Ongoing Research Efforts
- Identify Analytical Needs
- Webinars for Tech Presentations
- Face-to-Face Meeting with Tech Staff
- Presentations, Abstracts, Meeting Summary

Annual AM Report
- Science-Based
- Results ← Looks Back
  - Research
  - Monitoring
  - Management Actions
- Key Issues
- Draft / Final Versions
- BiOp Compliance Document
### Federal Budgetary Process

#### PROGRAM AND FUNDING TIMETABLE

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**FY18 PROGRAM**

- DEPLOY
- DEFEND
- EXECUTE

**FY19 PROGRAM**

- DEPLOY
- DEFEND
- EXECUTE

**FY20 PROGRAM**

- DEPLOY
- DEFEND
- EXECUTE
NOT SHOWN:
• MRRIC Work Group Engagements
• Bird  • Human Considerations
• Fish  • AM Governance
• Site-Specific Public Engagements
• Tribal Engagements
• Government-to-Government
• Sect 106
• Water Management
• Bird Operations Coord
• Monthly Outreach
• PDT Meetings
• In-Progress Reviews
• Agency Coord Meetings
• Tech Team, Management Team, Oversight, etc, Meetings
CONFLICT RESOLUTION

• Disputes are likely
• Commitment to resolution is required by all
• Approach depends on
  • Nature of the conflict (science or policy)
  • Parties involved
    • Beyond the scope of the AM Governance Process
      – USACE internal processes
      – MRRIC internal processes
      – ESA compliance objectives, targets, metrics
    • Recommended changes can be initiated by
      – Agencies
      – MRRIC
      – ISAP
      – Others
• Be clear on ultimate decision maker
SUMMARY

Questions you may have:
• Could It Be Any More Complicated?
• Will the Governance Process Work?
• Is it Sustainable?