

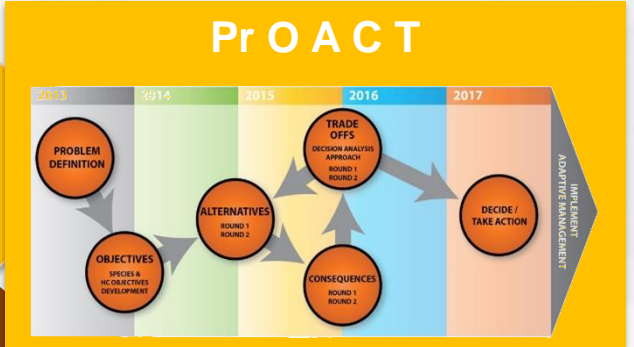
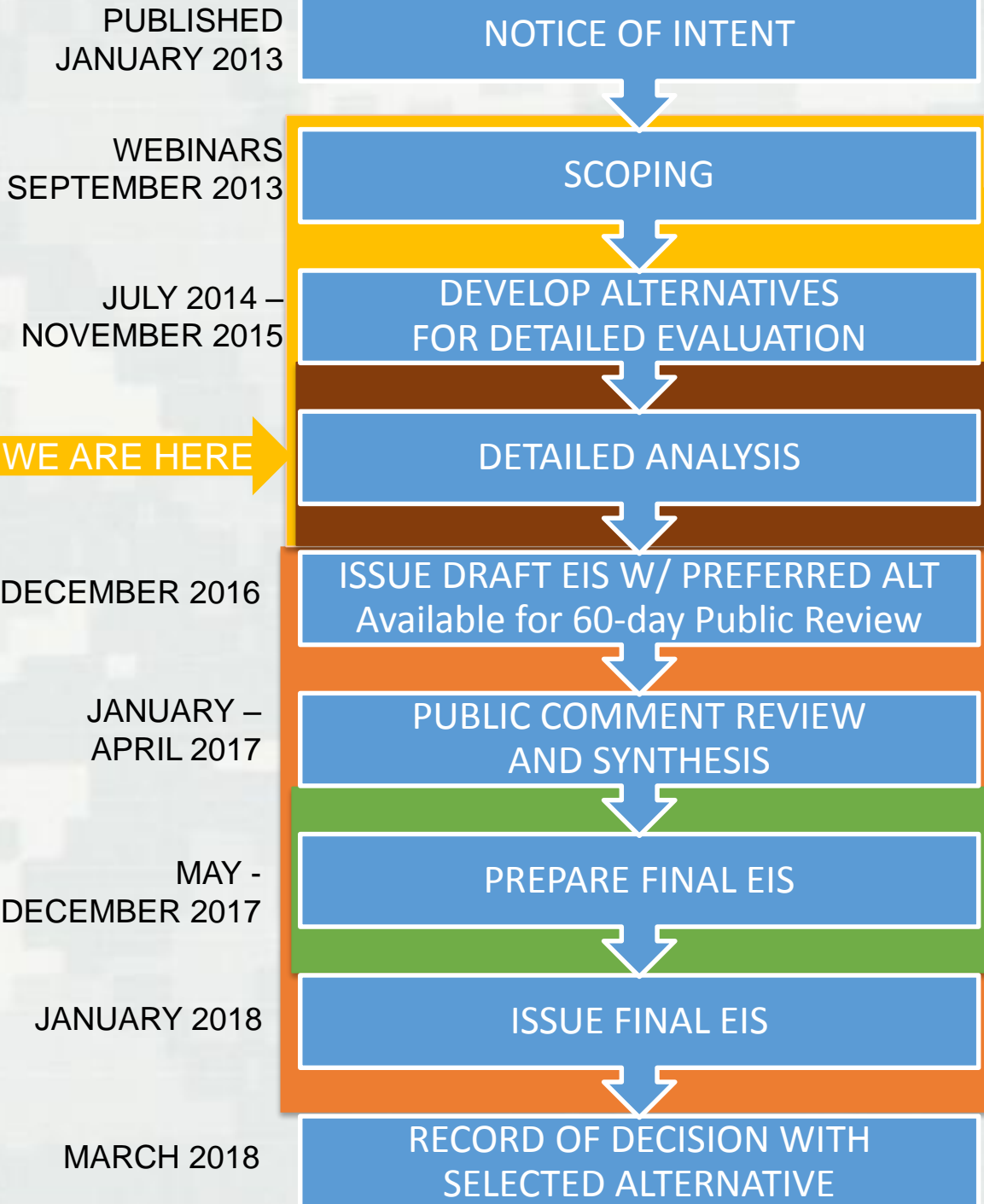
# Missouri River Recovery Management Plan-EIS and Adaptive Management Plan

MRBIR Summer Meeting  
Omaha, NE  
25 August 2016

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# MANAGEMENT PLAN EIS PROCESS FLOW CHART



**WILD AND SCENIC RIVERS ACT CONSULTATION WITH NPS**

**GOVERNMENT-TO-GOVERNMENT CONSULTATION WITH TRIBES**

**FINALIZE ESA SECTION 7 CONSULTATION BETWEEN CORPS AND USFWS**

- CORPS DEVELOPS BIOLOGICAL ASSESSMENT (BA)
- CORPS PROVIDES BA TO USFWS
- USFWS REVIEWS BA
- USFWS SHARES DRAFT BIOP W/CORPS
- CORPS RESPONDS TO DRAFT
- USFWS ISSUES NEW BIOP

	ALTERNATIVE 1	ALTERNATIVE 2	ALTERNATIVE 3	ALTERNATIVE 4	ALTERNATIVE 5	ALTERNATIVE 6
Primary Actions	No Action	USFWS 2003 BiOp Projected Actions	Pallid Habitat Construction and ESH Mechanical	Pallid Habitat Construction and ESH Spring Release	Pallid Habitat Construction and ESH Fall Release	Pallid Habitat Construction and ESH Mechanical w/ Spawning Cue
<b>Mechanical ESH Creation</b> <i>extent varies by alternative</i>	X	X	X	X	X	X
<b>Spring Release ESH Creation</b> <i>NOT in MM</i>				X		
<b>Fall Release ESH Creation</b> <i>NOT in MM</i>					X	
<b>Low Nesting Season Release</b> <i>NOT in MM</i>		X				
<b>Pallid Early Life History Habitat Constr</b> <i>(Level 3)</i>	X (SWH)	X (SWH)	X (IRC)	X (IRC)	X (IRC)	X (IRC)
<b>Pallid Spawning Habitat Construction</b> <i>(Level 3)</i>			X	X	X	X
<b>Pallid Propagation and Stocking</b> <i>(Level 3)</i>	X	X	X	X	X	X
<b>Pallid Spawning Cue Release</b> <i>(Level 3)</i> <i>v1 IS in MM; v2 &amp; v3 are NOT in MM</i>	X v1	X v2				X v3

# DEIS Path Forward

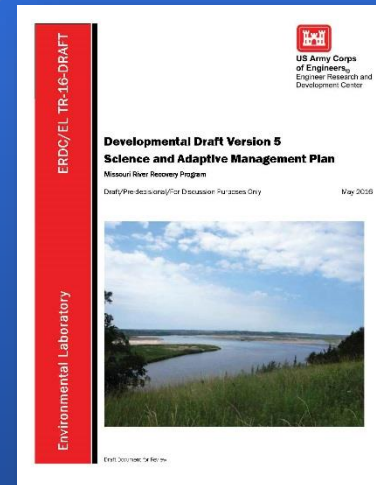
- August MRRIC Meeting:
  - ▶ Decision on inclusion of Preferred Alternative in DEIS
- November MRRIC Meeting:
  - ▶ Draft Environmental Impact Statement (DEIS) Detailed Preview
- January MRRIC Meeting:
  - ▶ DEIS Detailed Discussion
- Public Meetings:
  - ▶ February
  - ▶ Fort Peck, MT; Bismarck, ND; Pierre, SD; Omaha, NE; Kansas City, MO; St. Louis, MO



# Adaptive Management Plan V5

## UPDATE:

1. ISAP and ISETR evaluations of V5 very positive
2. Tentative MRRIC Recommendation on Governance
3. Working on Draft Final version (due 1 Oct) by:
  - ▶ Addressing ISAP/ISETR comments
  - ▶ Updating information and language on
    - Targets
    - Decision Criteria
    - Governance
    - Human Considerations and
    - Data Management
  - ▶ Looking to engage with MRRIC HC Workgroup between now and late September to be able to capture their input on the HC monitoring piece
  - ▶ Beginning to put high priority on data management and expect this to take shape throughout 2017



## May 2016 CHAPTERS:

1. Intro
2. Governance
3. Plovers & Terns
4. Pallid Sturgeon
5. Human Considerations
6. Data Management

4. Draft Final version will be sent out with the DEIS for review in late Dec
  - ▶ Final won't really be final, will continually be updated and improved

