

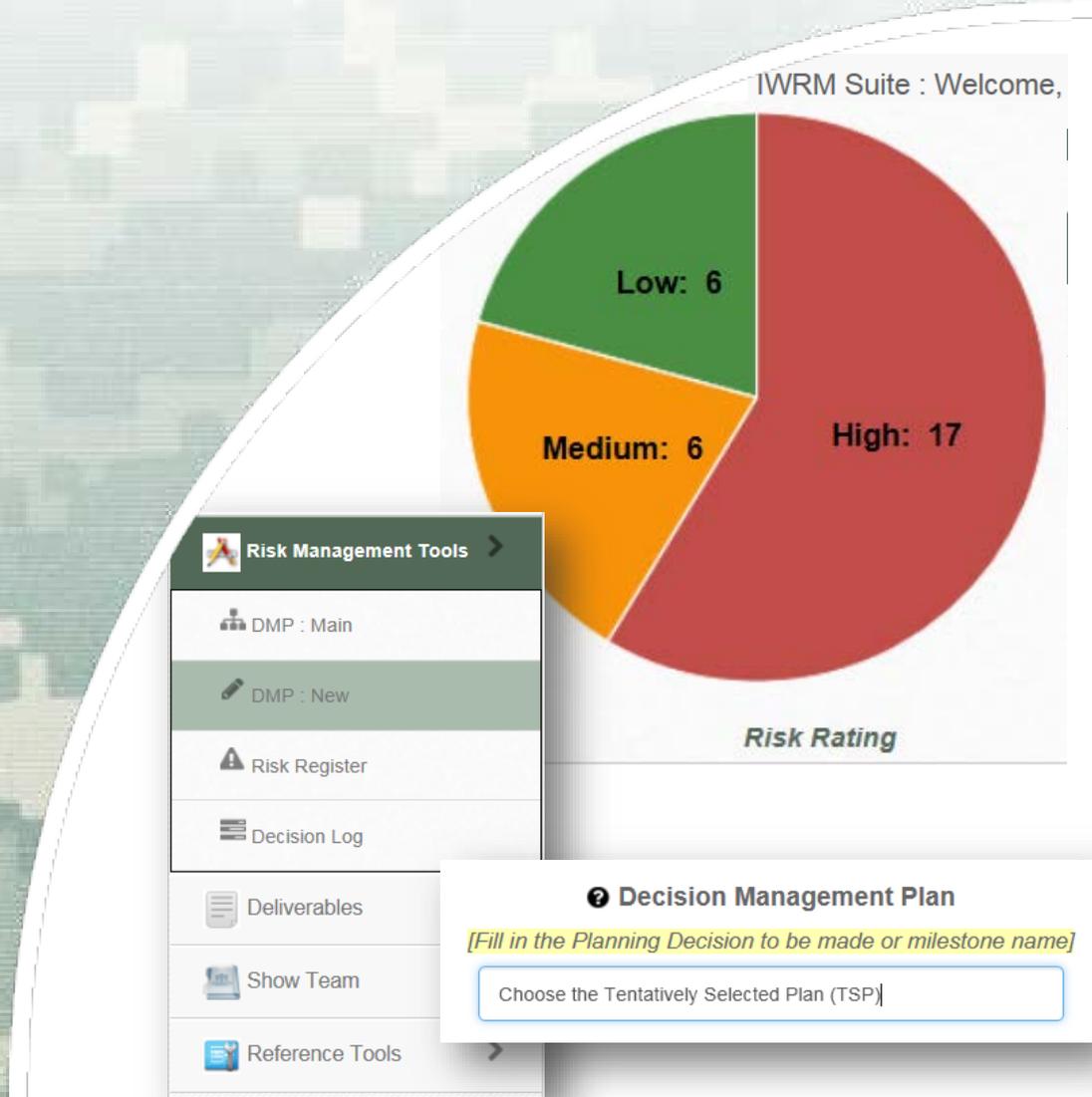
Planning Tools and the IWRM Suite

www.iwrmsuite.us

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Background

- Planning Tools, including Risk Register, Decision Management Plans, and Decision Logs used by PDTs since 2011
- Feedback to Date: Improve these communication tools – make them more user friendly and helpful for Project Teams and Vertical Teams
 - ▶ Cumbersome Excel-based Risk Register – Communicating risk analysis and recommendations difficult in spreadsheet format
 - ▶ PDTs use DMPs and Decision Logs to fit their studies – but there is little consistency across teams
 - ▶ Current format and use of these Tools does not facilitate sharing lessons or information across studies



Planning Tools via IWRM Suite

- What is the IWRM Suite?
 - Integrated **Water Resources Management Suite** of tools
 - An organized, easy to use interface for creating and managing risk registers, decision management plans, and decision logs.
- Benefits
 - Improves organization and accessibility of project documents and “read-aheads”
 - Embedded tips and help to support consistent and effective use of the tools
 - Improves communication of milestone dates, deliverables, and overall progress
- Currently used by new recon & some feasibility studies

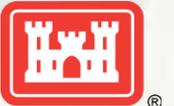


IWRM Suite Development Team

- HQ Proponents: Tab Brown, Sue Hughes
- Lead Developer: Erin Rooks, IWR
- Key Team members:
 - Laura Vicinie, Shawn Komlos, Brian Harper (IWR)
- Several field staff for testing and feedback



Go to Live Demo



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IWRM Suite Roles

- **Viewer:** anyone in the system
- **Team Member:** can modify project
- **Project Admin:** can add team members, can initiate or stop workflow
- **District Reviewer:** can modify project and receive items in workflow
- **Division Reviewer:** can modify project and receive district endorsed items in workflow
- **Headquarters Reviewer:** can modify project and receive division endorsed items in workflow



Using IWRM Suite

1. Open in Firefox for best results:

<http://www.iwrmsuite.us>

2. Login using the same username and password from the Planning CoP Subject Matter Expertise Database

(<http://sme.iwrmsuite.us>).

▶ *Please see the Aug. 21 Webinar for questions. Contact your Division Admin in the SME system for login issues*

3. Try out “IWRM Suite Test” Project.

▶ *Everyone will have access to this as a “team member” role, so they can edit and delete anything that you do.*



Using IWRM Suite for your Projects

Project leads should email Erin Rooks with the following information (in order of importance with **bold required**):

- a. **Name(s) of Project Admin(s) for system**
- b. **Names of District, Division and HQ Reviewers as known**
- c. **Official P2 Project Name**
- d. **Official P2 Project Number**
- e. **Official P2 Program Name**
- f. **Primary (and Secondary if applicable) Business lines**
- g. **Team provided project name and alias study names**
- h. **Lat/long, HUC code or screenshot of project area**
- i. *CWIS Number*
- j. *OMBIL ID Number*
- k. *Corps Project Notebook Number*
- l. *Asset Management Number*



Future Planned Developments

- Viewing data from P2 (e.g., milestones)
- Project study issue checklists to facilitate discussions / risk registers (Exhibit H.2, G.6 PGN)
- Additional management reports across projects and organization
- Sharing data to Simsuite (mapping), library, and other systems
- Increase system speed (reduce lag)
- **Your ideas.....please share with us!**

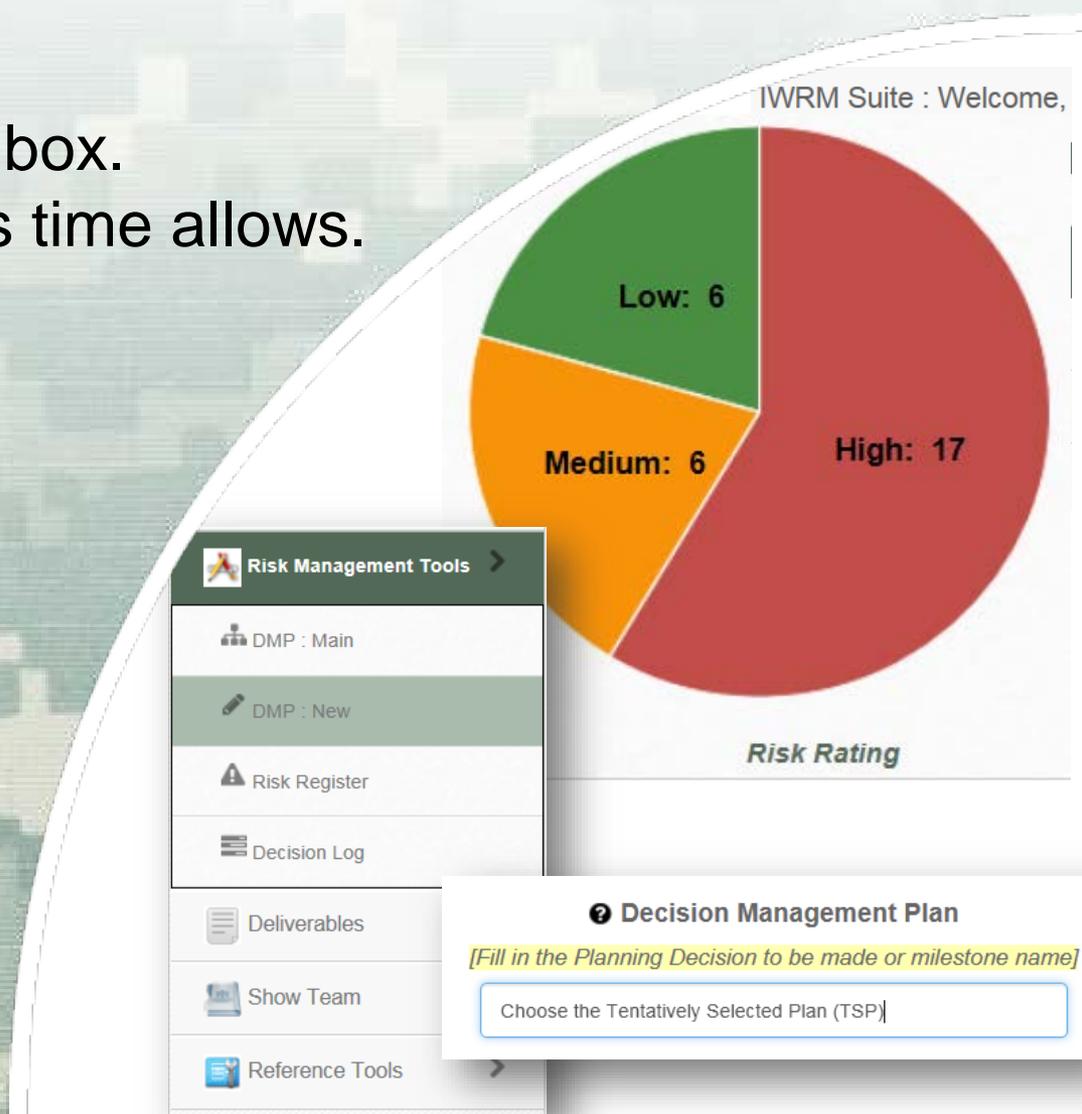


Questions?

Type questions in the chat box.
We will answer as many as time allows.

Reference site:

<http://www.iwrmsuite.us>



Reference Slides



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IWRM Suite – Uploading Deliverables

- Reconnaissance
- 1. Alternatives
- 2. TSP
- 3. Agency Decision
- 4. CWRB
- 5. Chief's Report

Now viewing: Reconnaissance

Files to be uploaded correspond to deliverable milestone

File	Current Version	Status	Actions
905(b) Report	0	Missing	Upload
Review Plan	0	Missing	Upload
Feasibility Cost Sharing Agreement (FCSA)	0	Missing	Upload
Project Management Plan	0	Missing	Upload

- Reconnaissance
- 1. Alternatives
- 2. TSP
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Now viewing: Alternatives Milestone

File	Current Version	Status	Actions
Report Synopsis	2	Awaiting Division Review	Upload
Decision Management Plan	0	Missing	Upload
Risk Register	1	Awaiting District Review	Upload
Decision Log	0	Missing	Upload
Project Study Issue Checklist	0	Missing	Upload
Memorandum for Record (MFR)	0	Missing	Upload

IWRM Suite – Project Dashboard

Home/ Sabine Pass to Galveston Bay Project Sabine Pass to Galveston Bay Project My Role: Team Member

Project Home

Risk Management Tools

- Decision Management Plan
- Risk Register
- Decision Log
- Deliverables
- Show Team
- Reference Tools
- Project Tracking

Risk

Export Chart

Risk Level	Count
High	2
Medium	5
Low	3

Risk Rating

Activity

+ Comment

Date	Type	Name	Role	Comment
06/08/2014	RISK	Jane Doe	Team Member	I finished adding the risk to the RR for economics.

DMPs

+ New DMP

Decision	Last Updated	Preview
Determine the TSP	06/06/2014	

Deliverables

File	Milestone	Actions
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IWRM Suite – Risk Register

Risk Records (Details) Preview Export Hide Details

Show Only Decision Log Risks? Clear Filters

Show entries Search:

View/Edit	Milestone	Discipline	Decision	Scoping Choice or Event	Risk & Cause	Risk Rating	Outcome
Edit View	None	Eng. - General		Currently proposing to do a limited assessment of salinity, sedimentation and tidal. Impacts of 1 alternative at each region	Possibly inadequate study data could necessitate changes in PED, lead to additional coordination and reworking permits.	M	✖
Edit View	None	Eng. - General		Using data collected by others.	Using data collected by others has a moderate risk of inaccuracy effecting quantities and cost. Collecting additional	M	✖
					... be		
					... to buy		
					... risk of	H	✖
					... causing		
					... e and money.		
					... ay list of	L	✖

Discipline	High	Medium	Low	Total
Economics	0	0	0	0
Cultural Resources	0	0	0	0
Eng. - General	1	4	0	5
Eng. - H&H	0	0	0	0
Eng. - Geotechnical	0	0	0	0
Environment	0	0	2	2
Plan Formulation	0	0	0	0
Real Estate	0	0	1	1
Other	0	0	0	0
Eng. - Cost	1	1	0	2



IWRM Suite – Risk Register

New Entry 08/20/2014

POC
Name(s) of person(s) assessing the task and responsible for the task. (Hold CTRL to select multiple.)

Sharon Tirpak (SWG) - Project Ad ▲
Erin Rooks (IWR) - Team Member (≡)
Becky Moyer (SWD) - Reviewer (L
Robert Heinly (SWG) - Reviewer (▼

Milestone
Milestones are a metric used to mark a decision made in the SMART planning process. ?

Reconnaissance1. Alternatives2. TSP3. Agency Dec4. CWRB5. Chief's Rep

Help buttons provide thorough detail about what information should be entered in each field.

DMP Decision
Select the planning decision from your Decision Management Plans (DMP) to which the risk entry applies. Otherwise choose 'New' and enter a new decision. ?

--Choose a Decision-- ▼

Discipline
Choose the discipline that goes along with this risk entry. ?

--Choose Discipline-- ▼

Risk Type

--Choose Risk Type-- ▼

Scoping Choice or Event
This is the scoping choice (task, decision, problem, question, or issue) or event (action, hazard, or opportunity) that is to be managed. ?



IWRM Suite – Risk Register

Likelihood Rating & Evidence

What is the likelihood that the most significant consequence entered will occur?
Enter specific evidence used to support the likelihood rating. ?

the likelihood

H M L

Uncertainty Rating

How great is the uncertainty about either the consequence or likelihood of the risk identified above? ?

H M L

Risk Rating

Qualitative risk rating from lookup table.
Auto-calculated. ?

H M L

Risk Management Options

Enter options for reducing the risk and estimate time/cost impacts associated with the management option. ?

	Proposed Action	Cost Impact	Time Impact	Recommend?
+		--Select Cost Impact--	--Select Time Impact--	<input checked="" type="checkbox"/>

Affected Study Components

(Choose all that apply.)

What other analyses of the study are affected by this risk? For example, what other analyses use outputs from the scoping choice as their input? ?

- Economics
- Cultural Resources
- Engineering - General
- Engineering - Cost
- Eng. - Geotechnical
- Engineering - H & H
- Environment
- Plan Formulation
- Real Estate
- Other :
- Select All

Outcome

Describe the effect of your recommended course of action on the study or project outcomes. (This column can only be used



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IWRM Suite – Decision Management Plan



U.S. Army Corps of Engineers
Galveston District

Sabine Pass to Galveston Bay Project

Decision Management Plan

[Fill in the Planning Decision to be made or milestone name]

Choose the Tentatively Selected Plan

Last Updated: 08/20/2014

PLANNING DECISION

[Fill in the Planning Decision to be made or milestone name, match title above]

The purpose of this DMP is to

STRATEGY TO MAKE THE PLANNING DECISION

Event 1: *[List Action in short phrase or sentence]*

Event 2: *[List Action in short phrase or sentence]*

[Add additional events as needed in the same format.]

KEY STRATEGY ISSUES

[List the key strategy issues here, but keep them brief and to the point. If there are no significant strategy issues, include a sentence saying there are none.]



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