

COLORADO RIVER BASIN POST-2026 OPERATIONS EXPLORATION TOOL









Center for Advanced Decision Support for Water and Environmental Systems (CADSWES) UNIVERSITY OF COLORADO **BOULDER**

Web Tool Objectives

The Post-2026 Operations Exploration Tool is designed to meet three main objectives:

- 1. Enable the exploration of a wide range of potential operational strategies for Lake Powell and Lake Mead;
- 2. Provide a common technical platform that is accessible to all Basin stakeholders and interested parties, enabling everyone to explore strategies on an equal basis;
- 3. Facilitate the development of robust future strategies through the use of Decision Making under Deep Uncertainty (DMDU).

Many Objective Robust Decision Making (MORDM) in the **Post-2026 Operations Exploration Web Tool**



- User-friendly interface connected to CRSS
 - Create operational strategies that are formatted and sent to CRSS
 - Interact with output from CRSS simulations

Inclusive

- No prior experience with CRSS is required to create and explore operational strategies
- Compatible with stakeholders who perform advanced modeling
- Facilitates collaboration

Transparent

- Common technical platform
- Consistent information
- Best available science
 - Provides in-depth DMDU information and education

Screening tool

- Important to present a variety of metrics to engage a diverse set of stakeholders and support analysis
- Many implementation details of policies will be addressed in later stages of alternative development

MORDM & the Web Tool in the Post-2026 Process





Welcome! This is a flexible, powerful platform designed to enable Colorado River Basin stakeholders and other interested parties to explore operational strategies for Lake Powell and Lake Mead as part of the Post-2026 National Environmental Policy Act (NEPA) Process. This tool is intended to support early-stage exploration of operational strategies that may eventually be incorporated into the Post-2026 NEPA alternatives. For more information on this NEPA process, see Colorado River Post-2026 Operations.

For users to successfully engage with the tool, a basic understanding of conceptual and technical context is recommended. Use the following resources to learn about background, motivation, and how to use the tool:

- Tool 101 tab: extensive supporting information about the technical framework and operational strategy concepts
- · Resource Center tab: tool objectives and brief introduction to the technical framework and tool instructions
- · Video: Basin and planning context, technical framework and tool synopsis
- Integrated Technical Education Workgroup | Bureau of Reclamation (usbr.gov): recorded educational sessions covering in-depth technical background and tools

Contact Suppor

Summary

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Strategies