

Basin accounting in a combined Lake Powell-Lake Mead system

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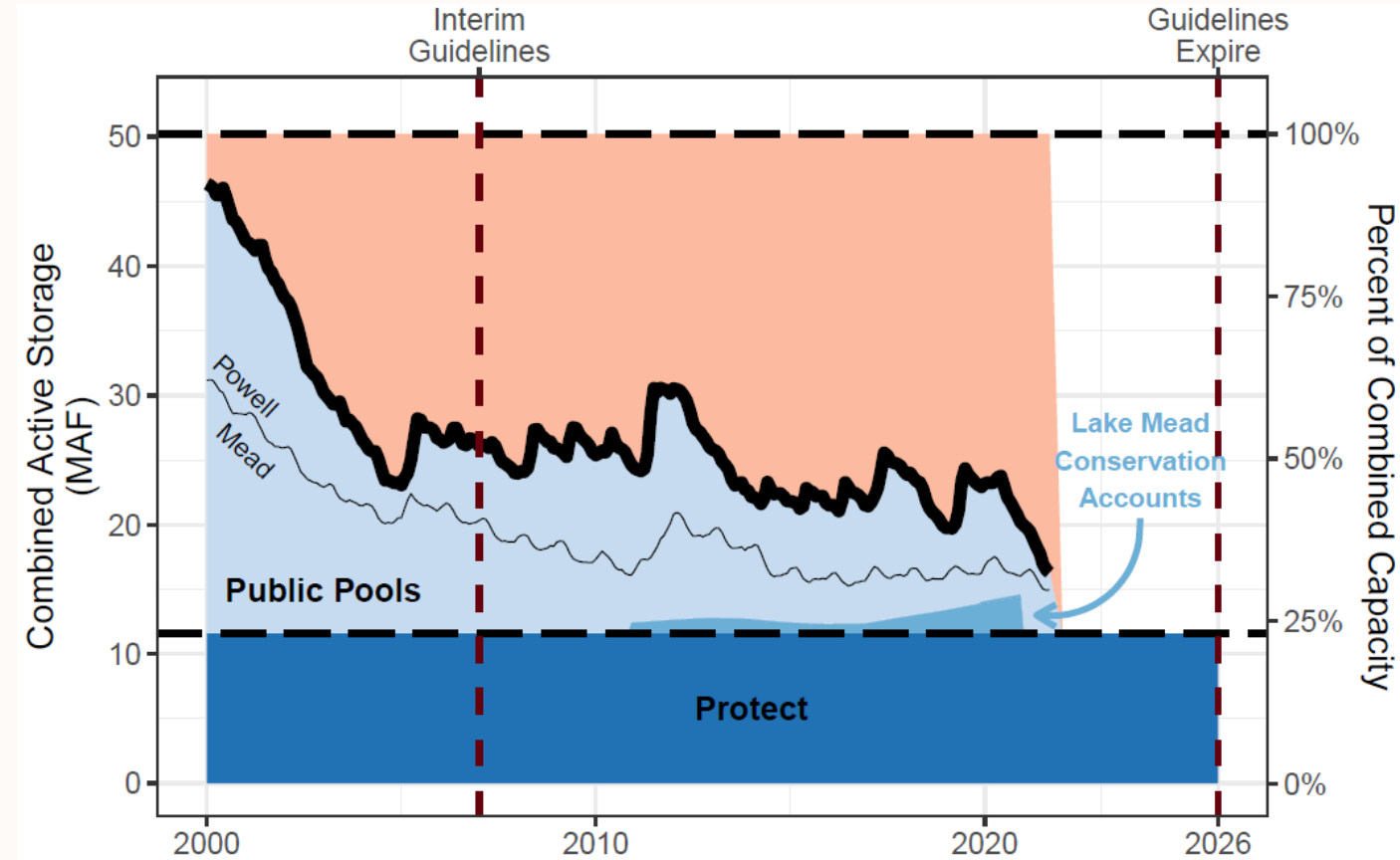


Today's Aim

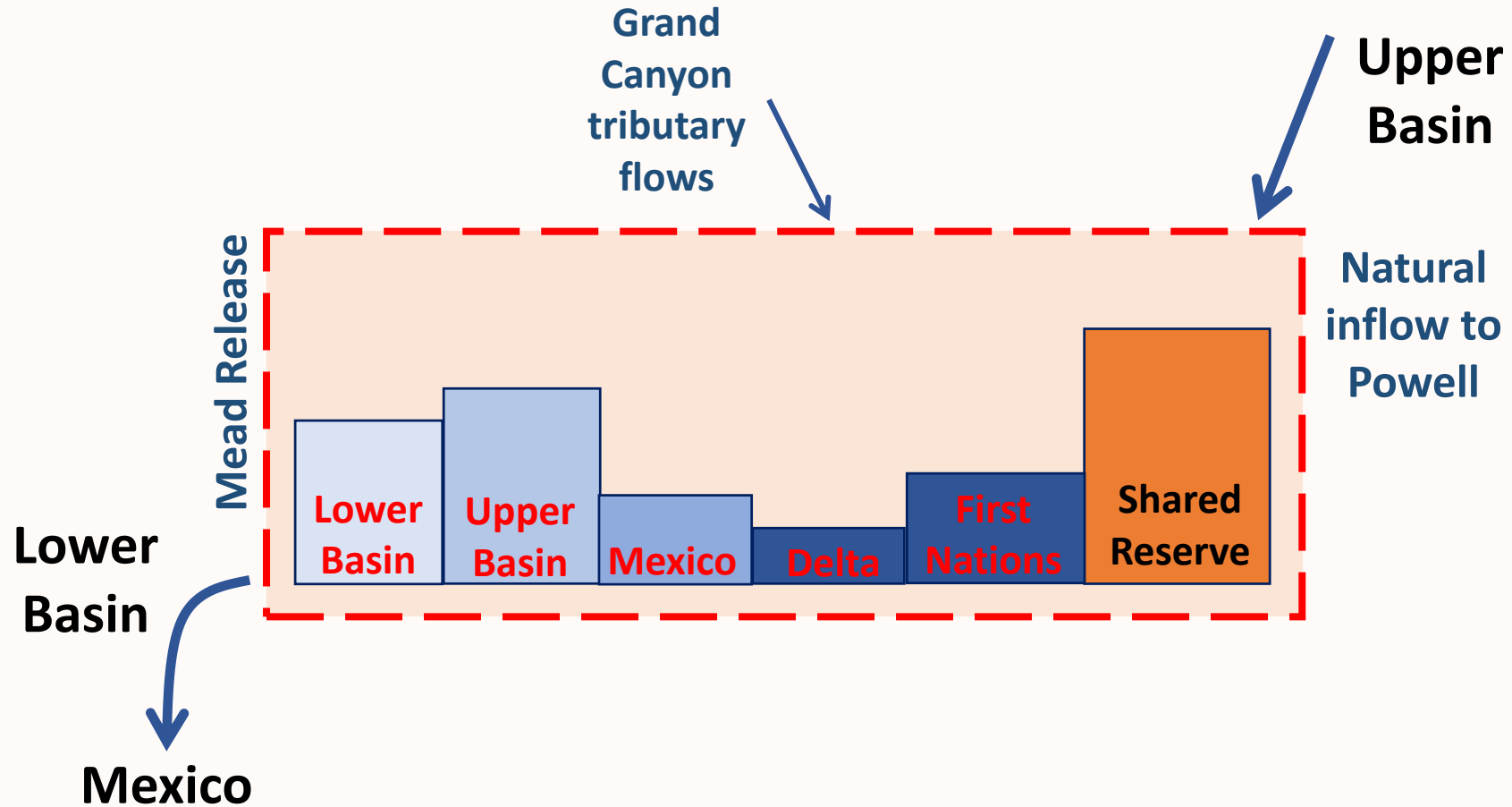
Provoke thought and discussion on basin accounts as a more flexible alternative to reservoir equalization that expires in 2026

Key Questions

1. How to include First Nations and Ecosystem Managers?
2. How to split combined reservoir storage among parties?
3. How to apportion Lake Powell natural inflow below 8.23 maf per year?
4. How to give parties more flexibility to conserve & consume water independent of other parties?
5. How to sustain endangered fish?
6. How to build on prior agreements?



Region of Combined Management



Manage all available water not just prior conserved water

$$\begin{array}{ccccccccccc} \text{Available} & & & & & & & & & & \\ \text{Water} & = & \text{Account} & & \text{Share of} & & \text{Share of} & & \text{Purchases} & - & \text{Sales} \\ & & \text{Balance} & + & \text{natural} & - & \text{Evaporation} & + & & & \\ & & & & \text{flow} & & & & & & \\ & & & & & & & & \underbrace{\hspace{10em}} & & \\ & & & & & & & & \text{Optional} & & \end{array}$$

Adapt releases to natural flow and storage levels

Ready to manage an account?



1. Download from

<https://github.com/dzeke/ColoradoRiverCoding/tree/main/ModelMusings>



2. Invite participants

3. Open ReadMe-directions sheet

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