

Immersive Model for Lake Mead based on the Principle of Division of Reservoir Inflow

Let's Start!



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Today's Aims

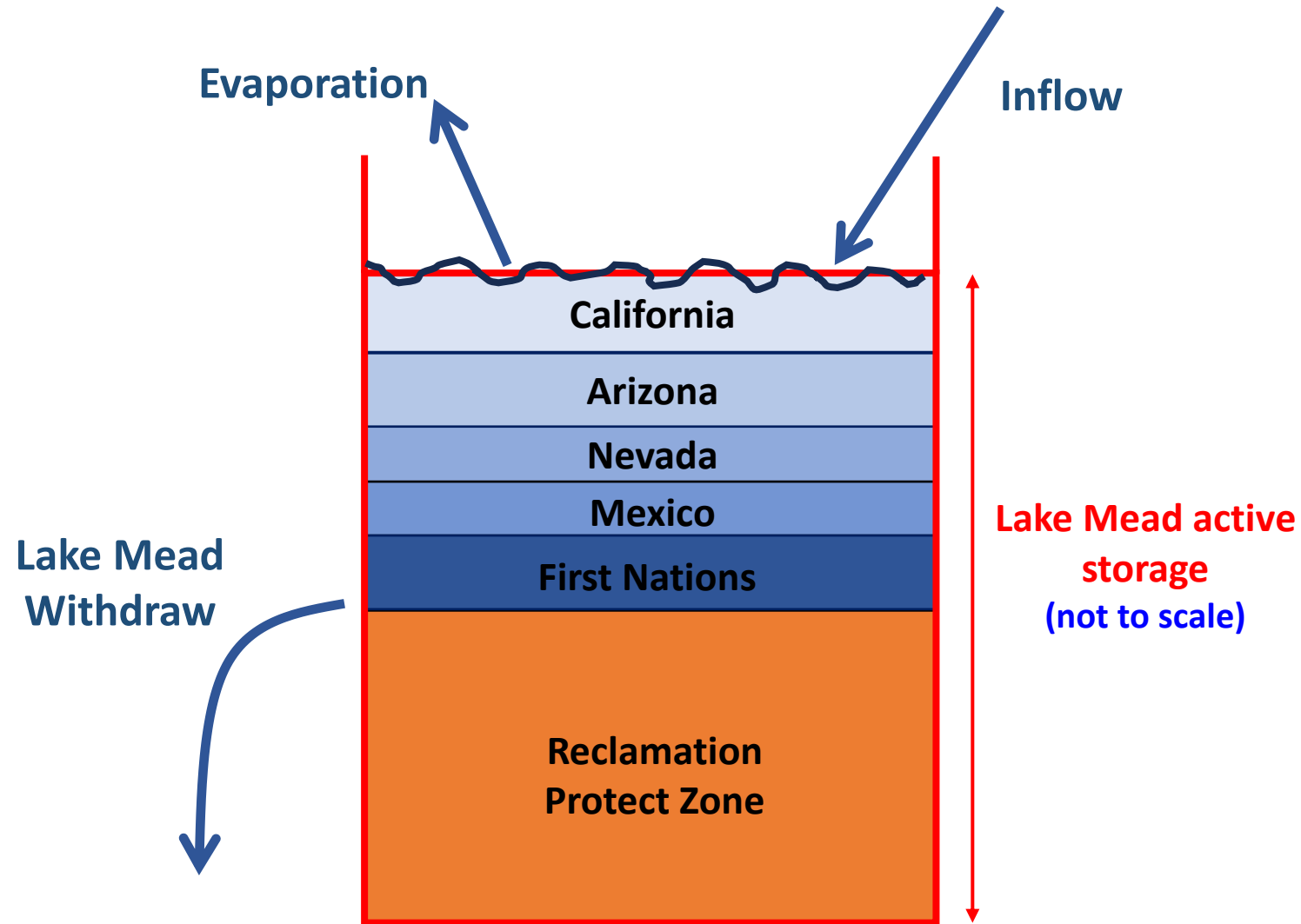
Immerse in and personify water user roles. Decide to withdraw and conserve:

- Within one's available water.
- In response to others' choices.
- Real-time discussion of choices

Provoke
thought and
discussion to:

- Stabilize and recover reservoir storage with low storage and low inflow.
- Increase user autonomy to manage their conflicting vulnerabilities to water shortages.

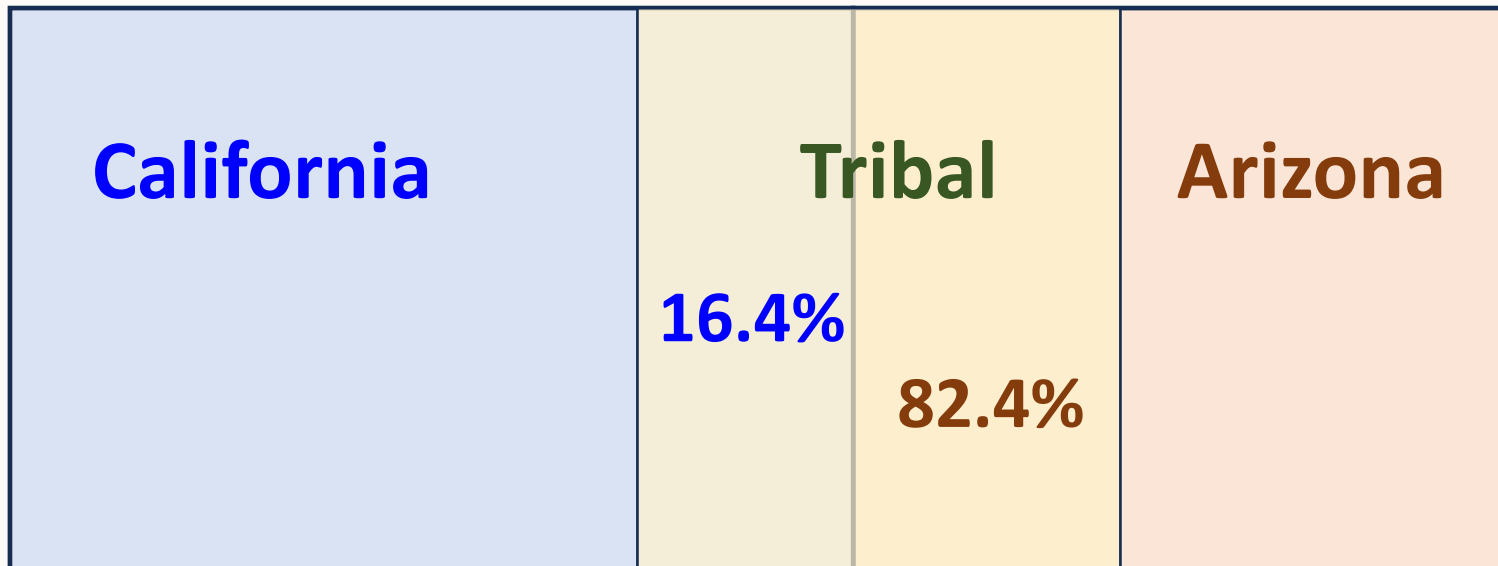
1. Lake Mead water level is the sum of the protection elevation and each user's available water



2. Each user manages all their available water not just prior conserved water.

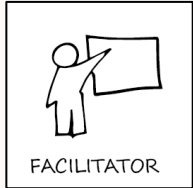
$$\begin{array}{ccccccccccc} \text{Available} & & & & & & & & & & \\ \text{Water} & = & \text{Account} & + & \text{Share of} & - & \text{Share of} & + & \text{Purchases} & - & \text{Sales} \\ & & \text{Balance} & & \text{Lake} & & \text{Evaporation} & & & & \\ & & & & \text{Mead} & & & & & & \\ & & &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

3. Tribal Nations of the Lower Basin manage their own settled water rights



(Ignore Nevada)

Ready to Immerse?



1. Identify session guide



2. Download (link or QR code)



3. Move into Google Drive



4. Invite participants

5. Open ReadMe-Directions sheet



<https://tinyurl.com/ImmerseLakeMead>

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