DRBC's Water Resources Resilience Plan:
Phase 1 Feedback Discussion

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Advisory Committee on Climate Change

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Water Resource Assets

- Landscape: Broaden to include features that are not infrastructure

- Landscape vs. Aquatic Life: Hazards inform asset definitions
  - Habitat belongs with aquatic life, because climate hazards' consequences for aquatic life and their habitat are related
  - Landscape primarily includes infrastructure at risk from flooding and inundation
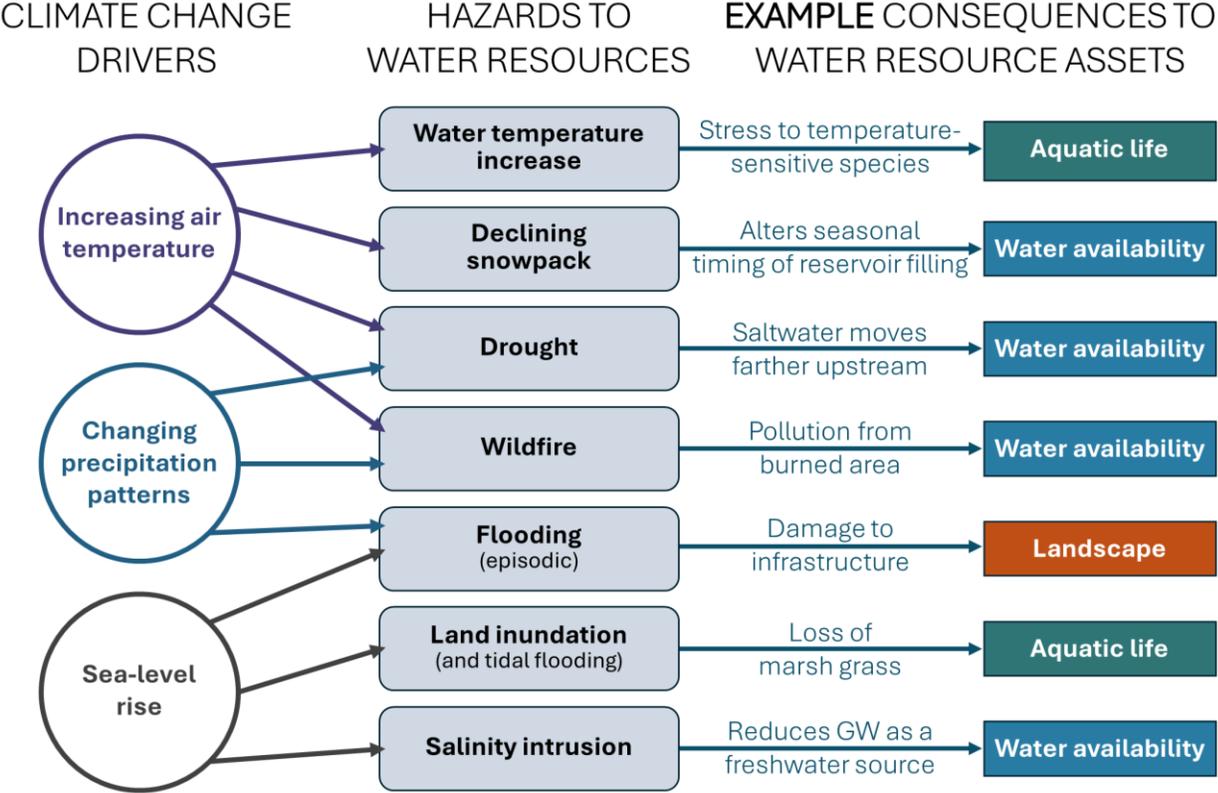
WATER AVAILABILITY	High-quality water supply from streamflow, reservoirs, and groundwater
AQUATIC LIFE	All species that live in and/or rely on water bodies in the Basin and their habitat
LANDSCAPE	Water-adjacent **land and** infrastructure that supports quality of life and recreation

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Climate Change Hazards

- Incorporate land use change into Phase 2
  - Recommended data source for future land use?
  - In our framework, seems like land use change is a driver (with a primary impact on flooding risk)

- Population increase and changing patterns of water demand are also non-climate drivers, should these be included in Phase 2 as well?
  - Have you incorporated these concepts in your climate planning efforts?

- In light of the recent deep freeze, is there evidence that global climate change and resultant changes to atmospheric circulation are a contributor?

Scenario Planning

- Should the baseline be the same duration as the future planning horizons?
  - What have you used in your climate planning?

- If so, which 30-year period should we prioritize within 1950–2005?
  - Include the drought of record (1960s)?
  - More recent = more data available

- Characterizing temperature and SLR over 30-year period
  - 2 end points? Mid-point?

Baseline: 1950–2005

Near-term: 2030–2060

End-century: 2070–2100

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Metrics

- Considering an additional metric: **Adaptivity**
  - What is the longevity of this approach?
  - How well does it allow for adapting or scaling as needed moving forward?
- Weight of evidence
  - Do we have enough data/confidence to justify this action?
  - Fold into urgency

Impact	*Urgency*
Reach	*Relevance*
Feasibility	*Synergy*

Additional questions

What other questions or feedback do you have?