

An aerial photograph of a dam construction site. A large red lattice boom crane is positioned on the right side of the dam's concrete structure. The dam is partially filled with water, and the surrounding landscape is arid with sparse vegetation and large, rugged mountains in the background under a clear blue sky.

CLIMATE CHANGE AND WATER AVAILABILITY PARTNERSHIP DEVELOPMENT & PROCESS

Dave Wegner, Woolpert Engineering

An aerial photograph showing a vast agricultural landscape. A winding blue river flows through the left side of the frame. The land is divided into large, rectangular plots of varying colors: dark brown, reddish-brown, and vibrant green. In the background, a range of rugged, brown mountains stretches across the horizon under a clear blue sky. A small town or city is visible in the distance, nestled between the mountains and the agricultural fields.

**We live in a world bounded by (1)
Governance, (2) Policy, (3) Science and (4)
Decision Making**

**Partnerships are critical to connecting
and developing good public policy and
decisions**

- Climate driven events are increasing in number, intensity, variability and location.

- Resulting in increased RISK and Cost.



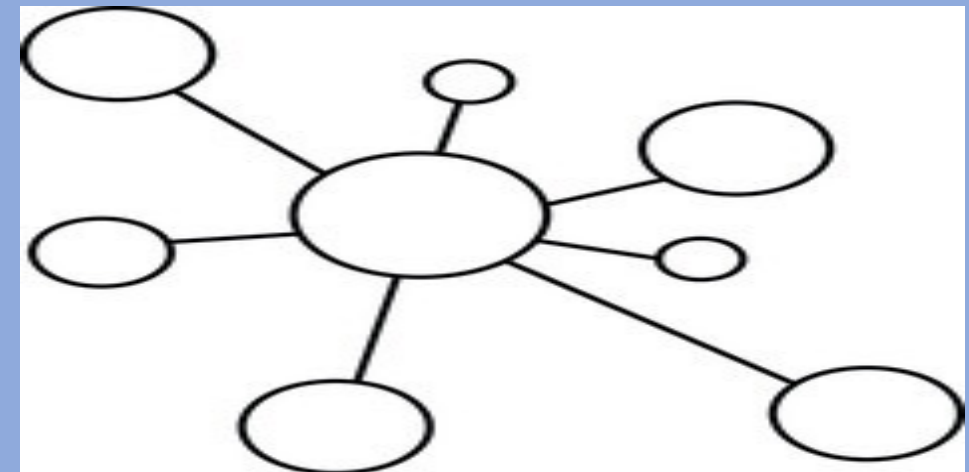
LET'S DROP

THE SILO MENTALITY

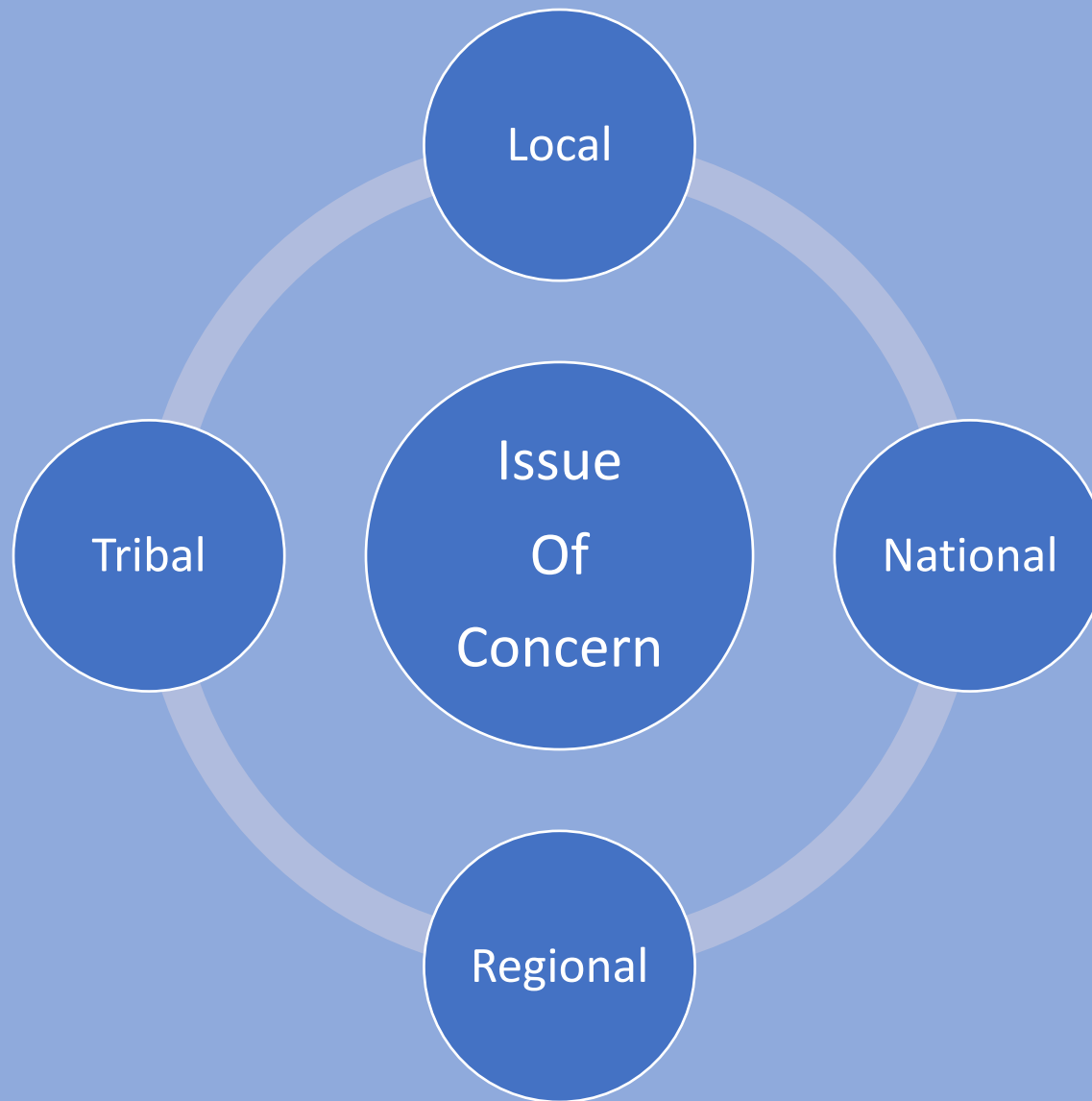
Silos are great for storing one type of grain or information but they are bad for mixing and sharing

Siloed thinking can be products of agency culture or restricted sharing

Instead of silos we need connections serving as hubs of knowledge



**Partnerships
and
Stakeholders**
are necessary
for
collaborative.
approaches to
be developed,
implemented
and
maintained



Transparency and Communication and Information



Water and climate challenges are complex and require innovative solutions that are partner based.

Adaptive Management approaches have been developed and are utilized on many water management challenges

4 supporting legs

1. GOVERNANCE for authority
2. POLICIES for direction
3. STRUCTURED DECISION MAKING for action
4. SCIENCE for support



At every juncture *partnerships* are necessary for success

Partnerships come in many compositions and sizes:

- **Global**
- **National**
- **Regional**
- **River Basin and Watershed**
- **Local**
- **NGO driven**
- **Science driven**
- **Industry and commodity driven**



Successful Partnerships require:

- **Communication**
- **Transparency**
- **Focus on Knowledge Development**
- **Cooperation**
- **Support**
- **Science and Information**
- **Agreement to Listen**



In Conclusion



- 1. Partnerships are important and must developed, nurtured and maintained.***



In Conclusion



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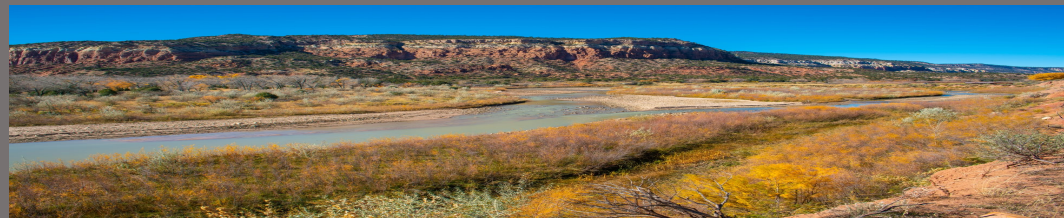
2. Adaptive approaches require more than just science – they need appropriate Governance, Policies, and Structured Decision-making.




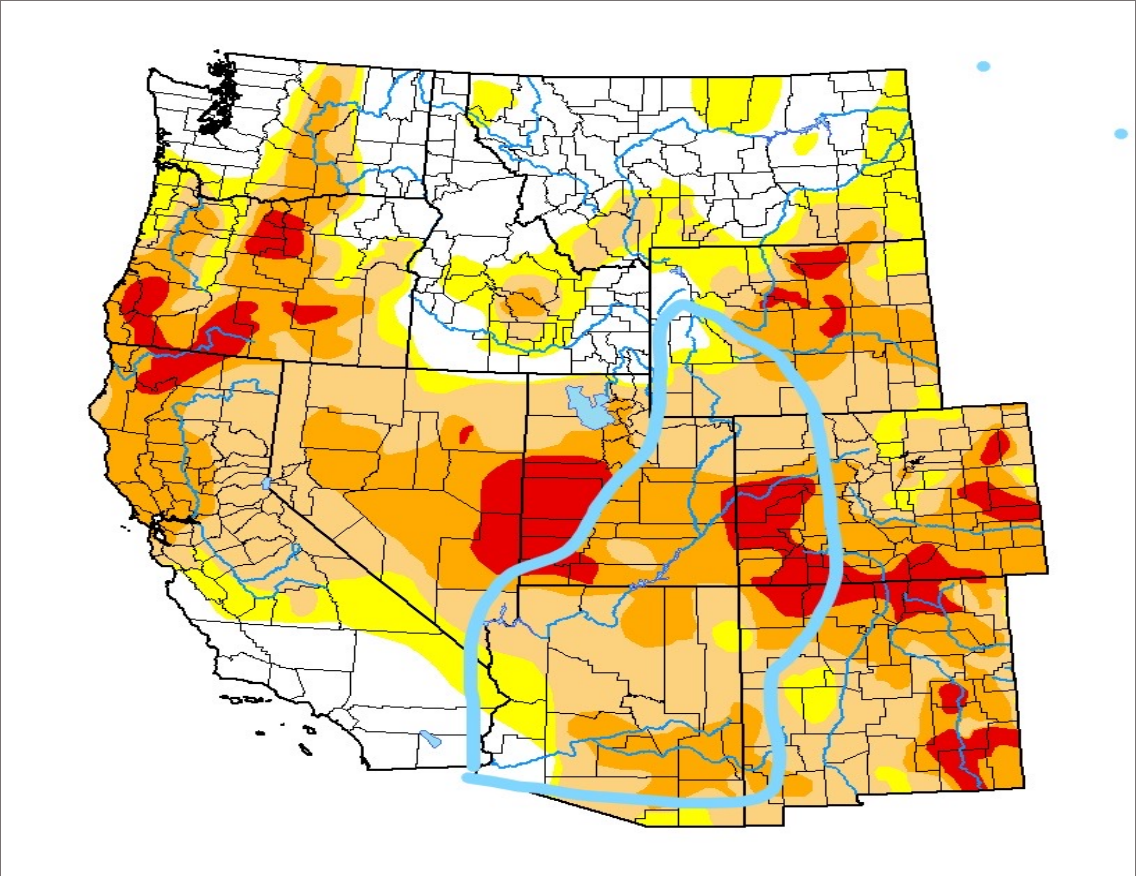
In Conclusion



- 1. Partnerships are important and must developed, nurtured and maintained.**
- 2. Adaptive approaches require more than just science – they need appropriate Governance, Policies, and Structured Decision-making.**
- 3. *Effective partnerships must be based on trust, transparency and a tenacity to maintain***



Thank you



WOOLPERT
ARCHITECTURE | ENGINEERING | GEOSPATIAL