

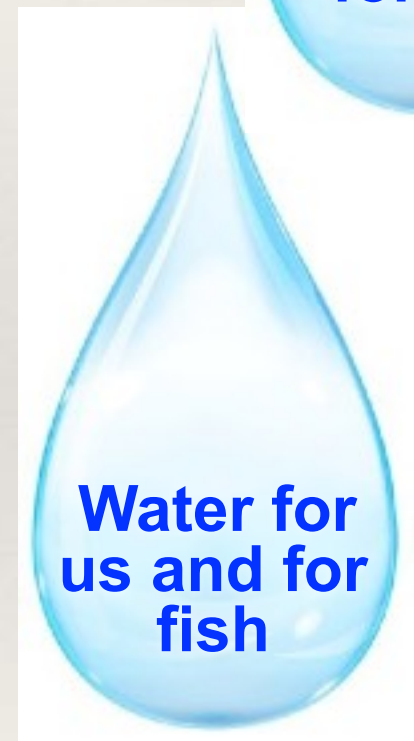
Some common “Eco-Hydrology” goals that can use models

How do changes in water supply and demand impact vegetation productivity and sensitivity to disturbance (fire, disease, and drought related mortality) and nutrient cycling?

Do these changes have implications for

- streamflow timing and magnitude?
- for water quality?

How do changes in forest structure (intentional or otherwise) influence these relationships?



Forests also need water - and increasing warmer temperatures & drought have been linked to large-scale episodic forest dieback events

Localities with increased forest mortality related to climatic stress from drought and high temperatures

