

# Catchment Management for Drinking Water Protection

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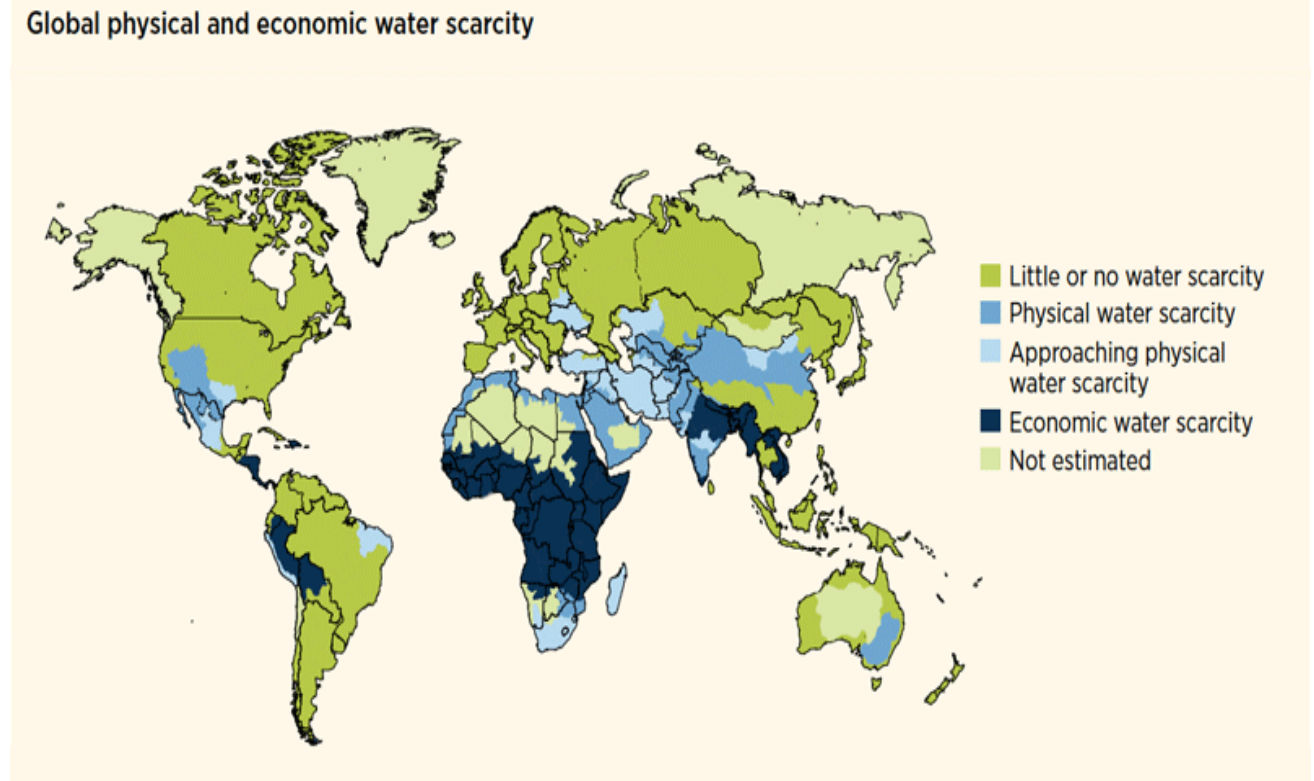
Conservation Biologist Perspective

*Environmental flows* describe the quantity, timing, and quality of water flows required to sustain freshwater and estuarine ecosystems and the human livelihoods and well being that depend on these ecosystems.



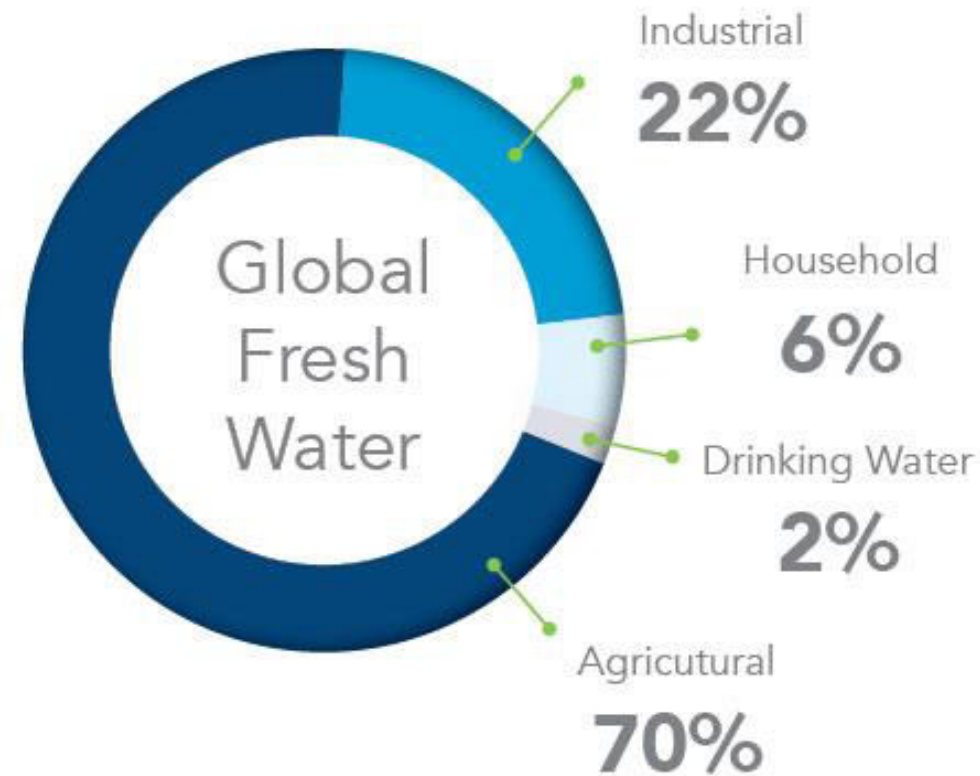
# Challenge – Water Scarcity

- Contentious
- Litigious



# Challenge – Diverse/Independent Directives

- Water users
- Regulations
- Jurisdictions
- Policies



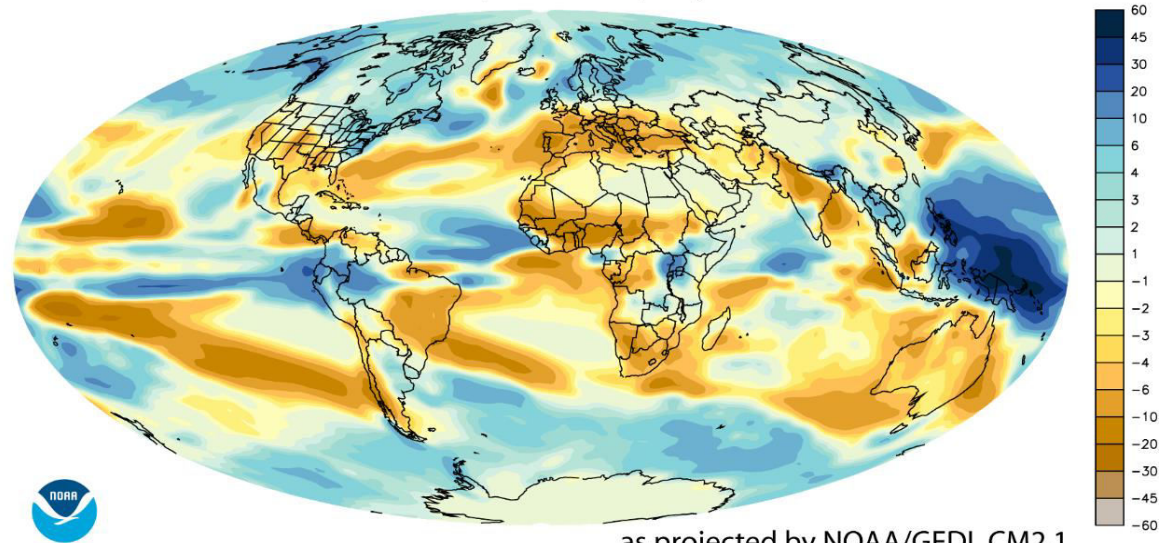
# Challenge – Implementation Cost



# Challenge – Scientific Uncertainties

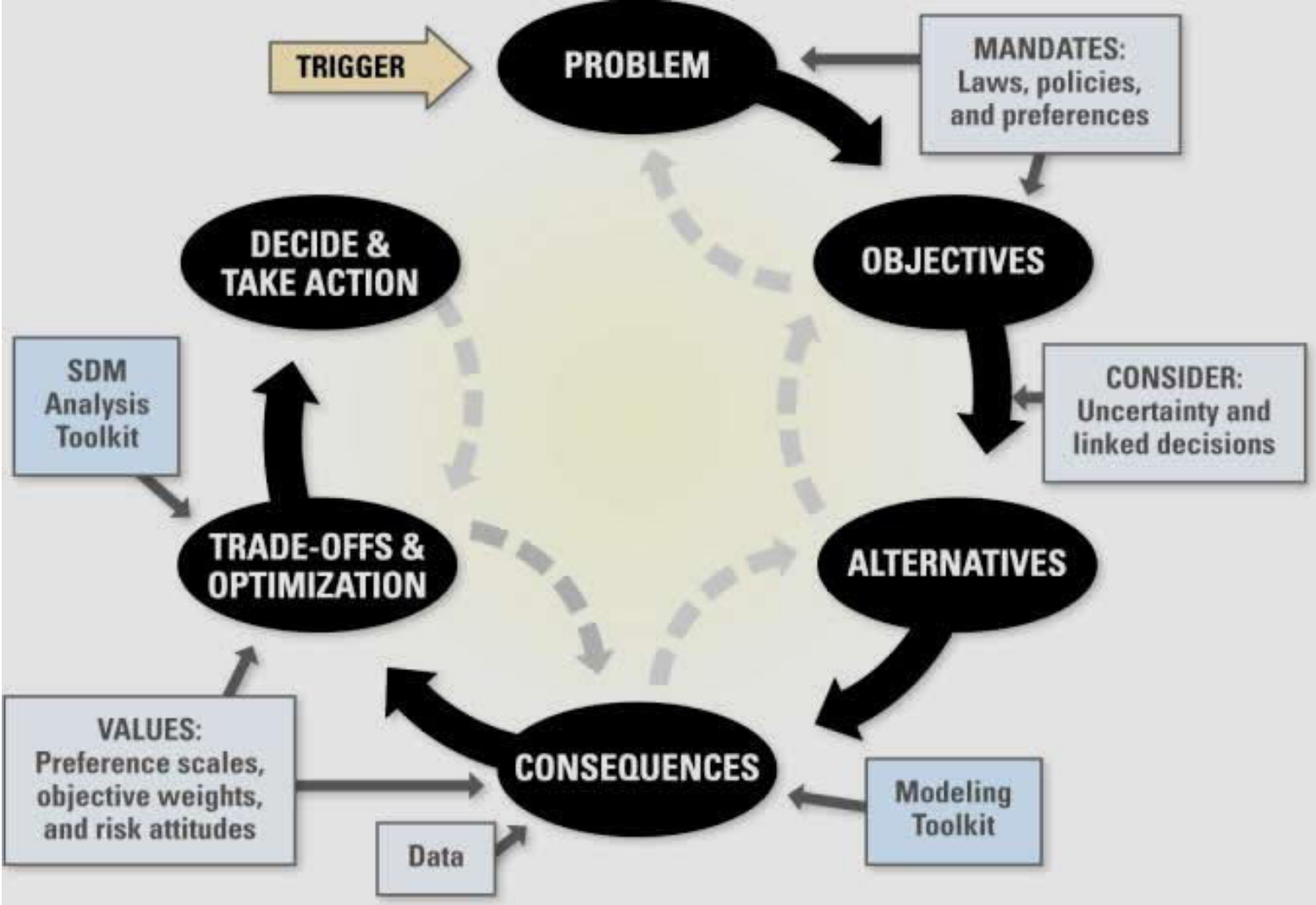
- Current Conditions
- Future Conditions

CHANGE IN PRECIPITATION BY END OF 21st CENTURY  
inches of liquid water per year



as projected by NOAA/GFDL CM2.1

# Integrated Solutions





**Thank You!**

