• Need to turn science a little on its head
  - make it more stakeholder-driven and regional, rather than just science driven (e.g., climate more important than carbon; N. American monsoon, please!)

• Sustained partnership w/ stakeholder req’d
  - leading to better understanding (two-way!) and even co-generation of knowledge

• Need to think out of the box - what are the potential show-stoppers?
  - e.g., global warming megadrought & the need for bioenergy agriculture in the water-limited SW (CC adaptation & mitigation integrate at regional scale)
Ten Centuries of Southern Colorado Hydrologic Status - the tree-ring record of PDSI

Many droughts worse than those of the 20th century!

Colorado River Allocation Period

“mega-drought”

average 20-year low pass PDSI

http://www.ncdc.noaa.gov/paleo/pdsi.html

After Cook et al., Science, 2004