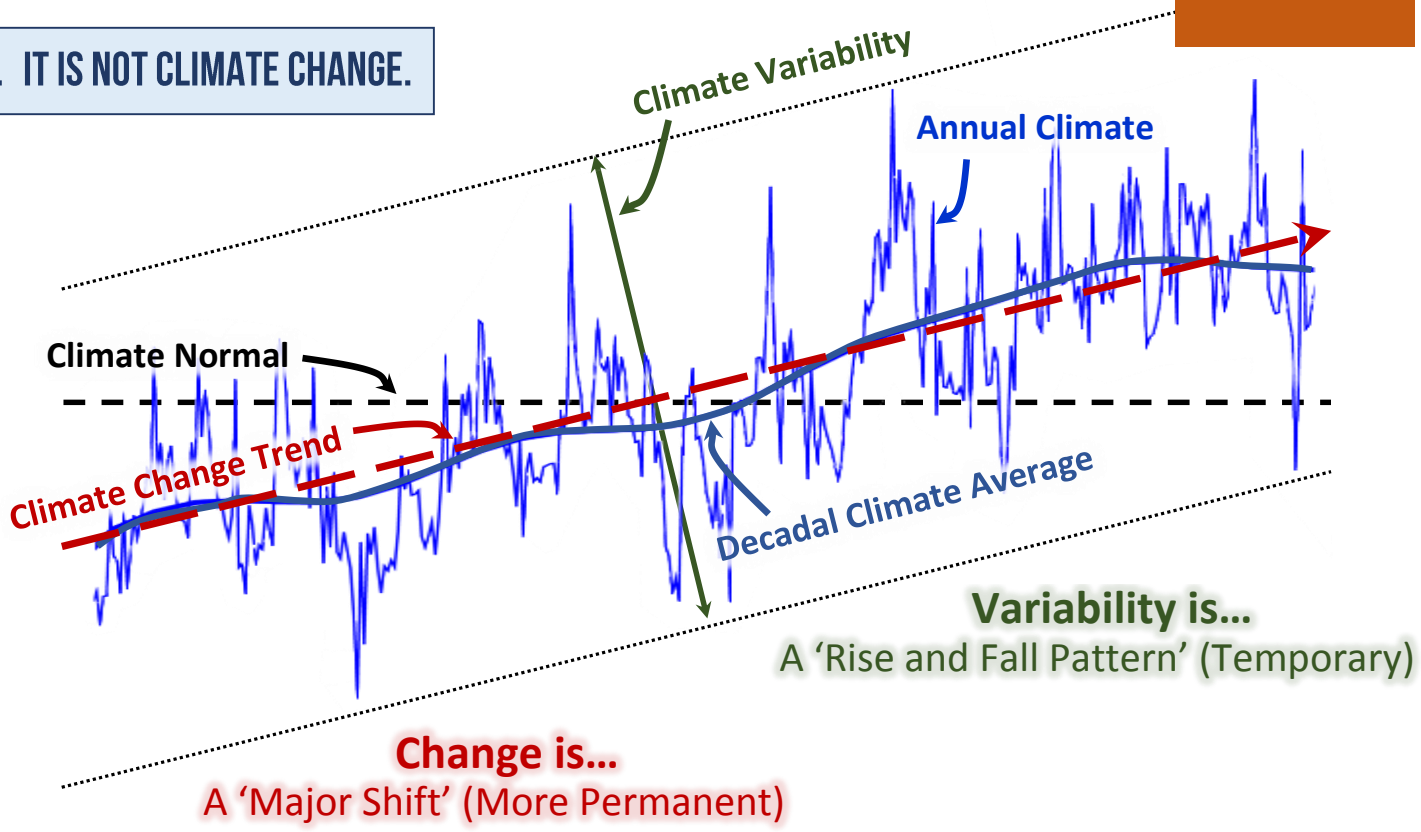
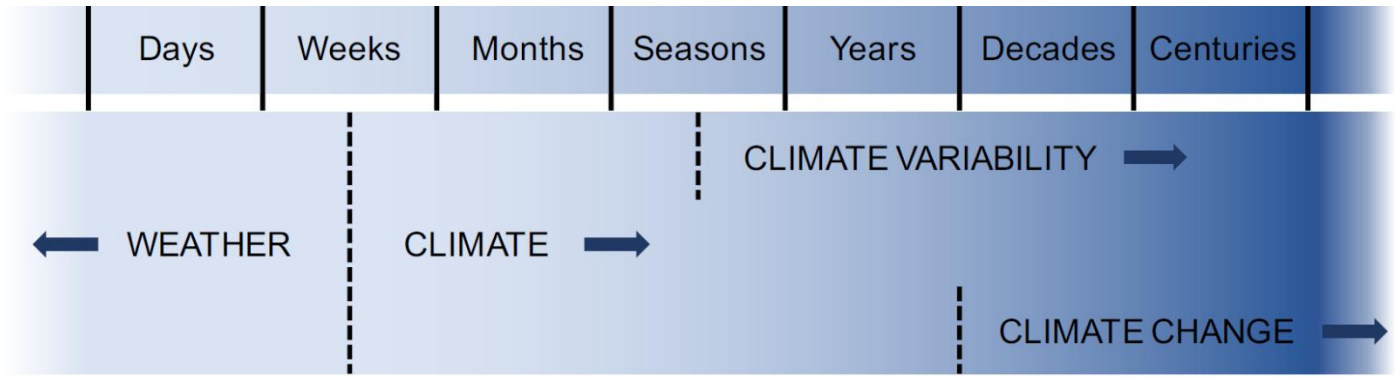
What is CLIMATE VARIABILITY?

1. IT IS NOT CLIMATE CHANGE.



2. IT CAN BE MONTHLY, SEASONAL, DECADAL, OR LONGER†.



†Some short-term climate variability is forecasted and available at: cpc.noaa.gov

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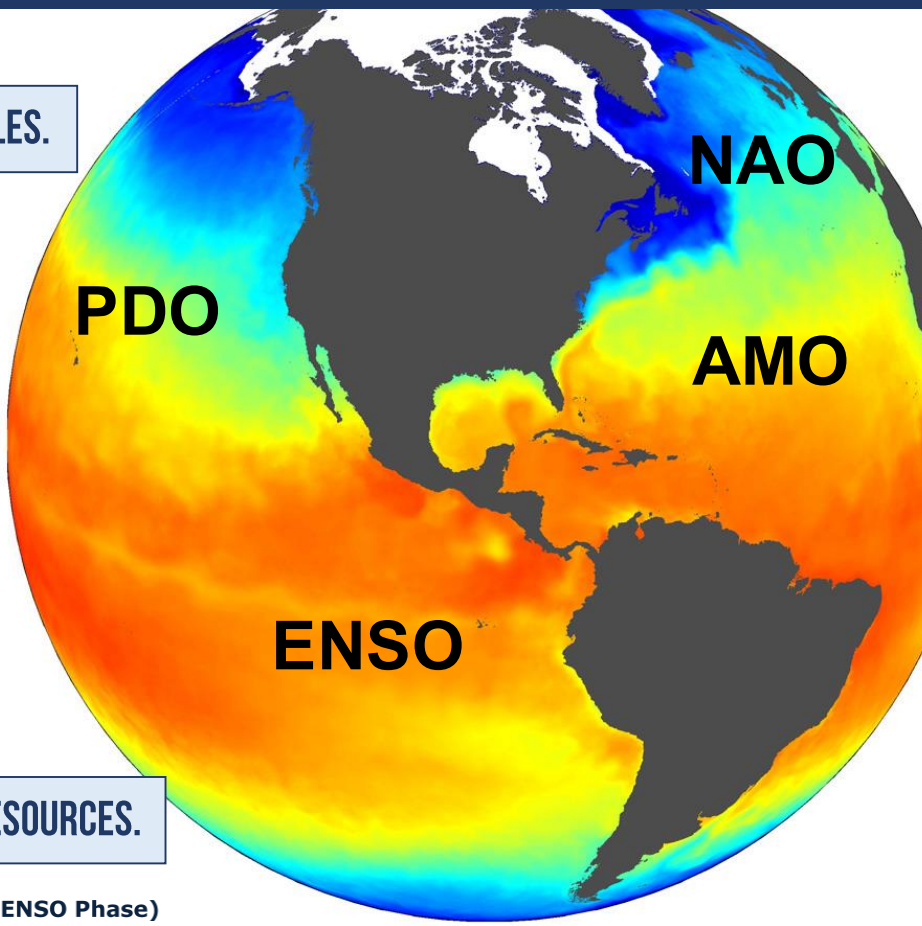
What is CLIMATE VARIABILITY? *(Continued)*

3. IT IS COMPOSED OF MANY CLIMATE CYCLES.

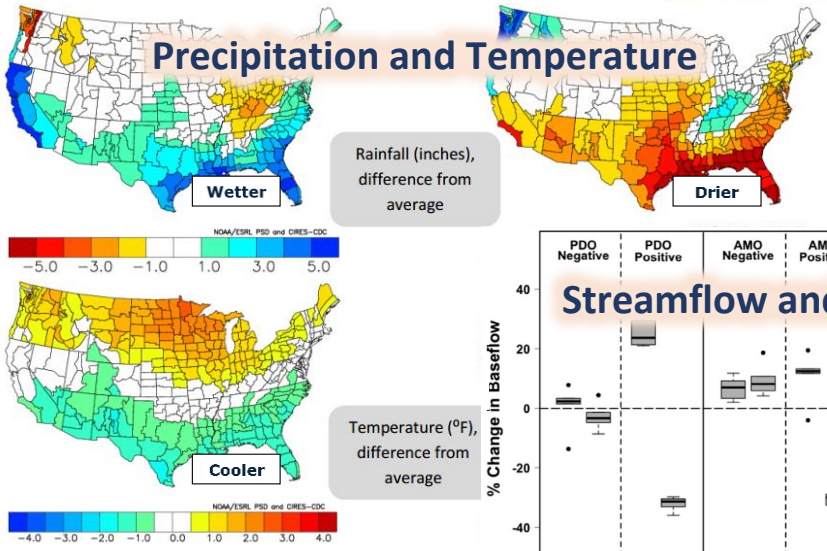
Atlantic Multidecadal Oscillation **(AMO)**
El Niño Southern Oscillation **(ENSO)**
Pacific Decadal Oscillation **(PDO)**
North Atlantic Oscillation **(NAO)**

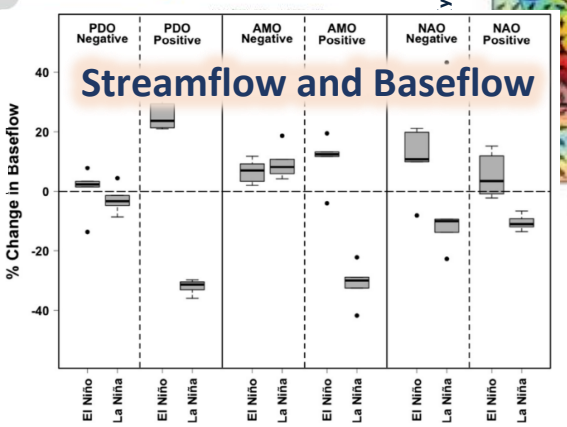
Other Variability Cycles (Not Pictured)**:**
Madden Julian Oscillation **(MJO)**
North American Pattern **(PNA)**
Antarctic Oscillation **(AAO)**
Arctic Oscillation **(AO)**
And Many More…

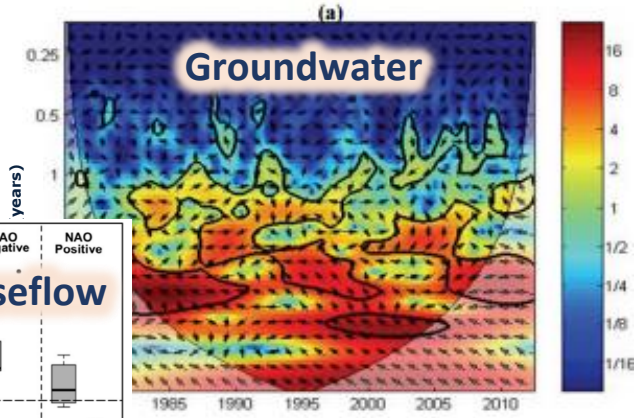


4. IT IMPACTS WEATHER, CLIMATE, AND RESOURCES.

El Niño (Warm ENSO Phase) **La Niña (Cool ENSO Phase)**







And Much More…

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