Possible Impacts Include: water, ranching, natural ecosystems, mining, human health, urban areas and energy

A growing population strains water resources, challenges urban planners, demands more energy and creates new problems for human health.

Arizona’s rainfall is partly determined by Pacific Ocean sea surface temperature (sst).

There is evidence to suggest that a warmer climate will create more El Nino conditions, in turn bringing more winter rain to the SW region.

Computer models can help us make predictions about future climate by illustrating the complex interactions of oceans, atmosphere and landforms. Global scale models run on powerful supercomputers. Regional scale models require even more detail and thus demand even more powerful computing.