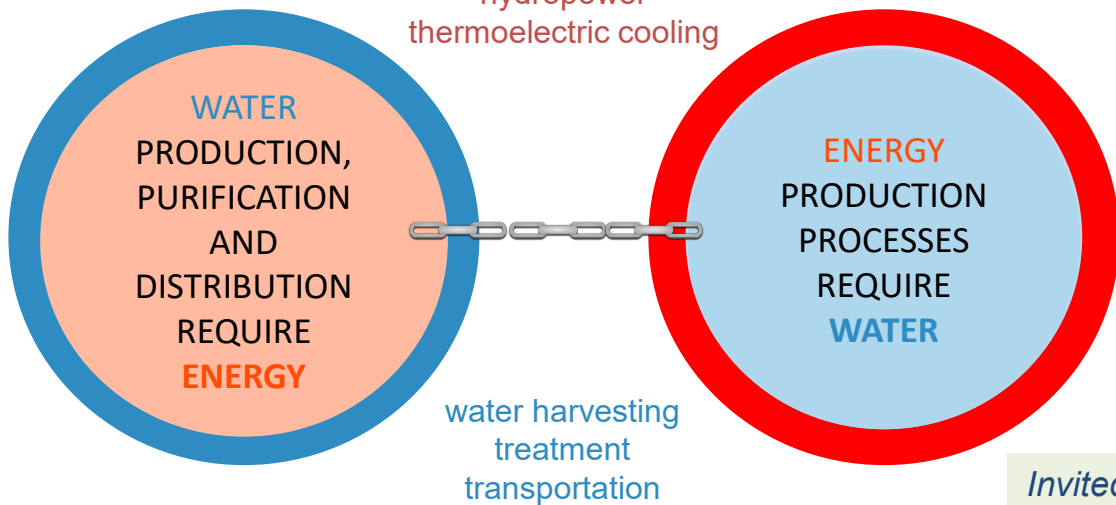


Accelerating Scientific Breakthroughs at the Energy-Water Nexus in Engineered and Natural Environments

*Joint symposium hosted by the Divisions of Energy and Fuels and
Women Chemists Committee, ACS Fall 2019, San Diego, CA*

WATER needs ENERGY needs WATER

fuel recovery, refining and production
powerplant operation
hydropower
thermoelectric cooling



The development of sustainable energy technologies including carbon capture, utilization and storage, water-lean hydrocarbon recovery, utilization of abundant shale gas and oil resources, advanced materials and devices for energy storage, and biomass conversion to fuels and products require us to develop a fundamental understanding of water at complex solid interfaces.

Invited speakers include Sue Clark (PNNL), Giulia Galli (University of Chicago), Karen Mulfort (Argonne National Laboratory) and Meagan Mauter (Carnegie Mellon University)



DOE-EFRC Multi-Scale Fluid-Solid Interactions in Natural and Architected Materials

