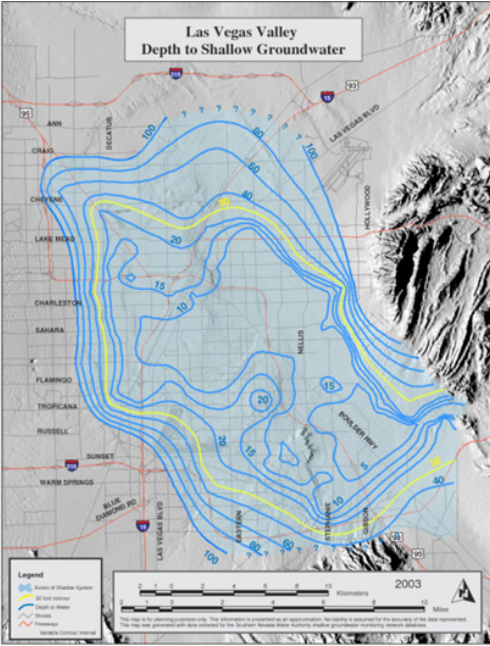


## DEVELOP SUSTAINABLE AND ADVANCED WATER/WASTEWATER APPROACHES TO SUPPORT WATER NEEDS OF SOLAR ENERGY

Development of water technologies that can use renewable energy, such as solar, would represent a significant advancement in energy savings. Solar energy production and water resources are interdependent, as water is needed to produce solar energy and, in turn, solar energy can be used to process water.



## RESEARCH TOPICS

1. Energy intensity and carbon footprint for transport and treatment of drinking water and wastewater
2. Membrane Distillation of solar facility waters
3. Advanced Water Technologies
4. Groundwater for renewable energy

## RESULTS OR ANTICIPATED RESULTS

- Improve water/wastewater transport and treatment systems efficiencies.
- Increase energy efficiencies.
- Reduce power consumption and associated carbon footprint.

## CONTACT US

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