

Water Quantity/Supply

Key issues

1. Irrigation water use efficiency ag/urban.
2. True cost of water/water rights
3. Statewide water plans/water budget
4. Water use and energy/bioenergy
5. Adapting water use to drought
6. Climate variability and water supply
7. Water reuse

Products/outputs

1. Review paper outlook for water competition (synthesis of USGS water reports and USDA irrigation census; economic impact and landuse change projection)
2. Grant proposal for training on moisture sensors for county agents/consultants/municipalities
3. Fact sheet on farm water storage
4. Review paper on irrigation efficiency and extension docs with economics
5. Cost/benefit of on farm water storage
6. Ecological impacts of magnitude, spatial distribution, timing of withdrawals
7. Website: communicate objective information about state water plan

Novel/emerging issues

1. #6 above

Barriers to engagement

2. Ignorance/lack of sense of crisis
3. Potential to engage business that lack of water is a threat (e.g. Atlanta)
4. Risk of crop yield decrease

Identify missing disciplines

1. Legal expertise. Differing water laws across states.
2. Social scientist/behavioral.