

Oklahoma Water Survey (OWS) Technical Workshops

OWS is holding four technical workshops related to water resource management issues of importance to the state of Oklahoma. The workshop discussions are comprised of current topic areas addressed in the media, state and federal legislation, and in the current Oklahoma Comprehensive Water Plan. Attendees of each workshop will consist of subject-matter experts and participants whose positions require knowledge about recent cutting-edge science on these topics. The workshop experts and participants will be determined according to the specific topic area of the technical workshop. The second workshop is described below with a proposed agenda.



Workshop II. Science of water availability and meeting public needs for water resources (Jan. 16 2013)

The availability of water is becoming a critical issue in the southwestern U.S. This includes Oklahoma. With increasing land development, climate change and population increases, it will become a growing problem for most of Oklahoma. The second technical workshop will be centered on four goals: (1) present current scientific understanding of water availability across the state, (2) identify where the data gaps in our knowledge base are how we can fill those gaps, (3) discuss all water needs for multiple uses, and (4) elevate the knowledge base on the topic for public leaders, state agencies, tribes and the general public. Technical experts from state and federal agencies, tribes, consulting firms, and environmental organizations and citizen groups will be invited to participate in the workshop. The information presented in this workshop and resulting document will inform the public and identify research that advances understanding of this issue in the state.

Themes for this workshop:

1. Conjunctive Use – quality and quantity issues related to water supply for multiple uses.
2. Monitoring – surface waters, ground water, quantity and quality.
3. Marginal Waters – wastewater effluent, brackish water (where is it-poorly mapped), stormwater runoff, produced water from oil and gas operations, contaminant-impacted waters (natural and anthropogenic).

DRAFT AGENDA

Workshop II. Science of water availability and meeting public needs for water resources

Jan 16, 2013

10:00 Dr. Robert Puls, Director, Oklahoma Water Survey

Introduction, workshop objectives, desired outcomes

Session I. Conjunctive Use and Water Supply (20 min oral presentations, 5 min question/discussion)

10:15 Ms. Julie Cunningham, OWRB

10:40 Ms. Noel Osborn, USGS OKC

11:05 Mr. John Daylor, USACE

11:30 Panel Discussion

12:00 LUNCH

Session II. Monitoring of Water Resources

1:00 Dr. William Cunningham, USGS Reston

1:25 Mr. David Friewald, USGS Arkansas

1:50 Mr. Derek Smithee, OWRB

2:15 Panel Discussion

3:00 BREAK

Session III. Marginal Waters to Supplement Water Supply Needs

3:15 Mr. Ken Senour, Guernsey

3:40 Dr. Chris Harich, USGS OKC

4:05 General Discussion

4:30 Summary, Next Steps