



Ogallala Aquifer Program
2008 Annual Report
1 January 2008 through 31 December 2008

Project Title: Summary of the 2008 Ogallala Aquifer Program (OAP) Workshop

Investigator(s): OAP Participating Scientists and Invited Guests

Significant Finding(s): OAP participating scientists and invited guests, primarily representatives from USGS and NCAR, met in Amarillo, TX on March 11-13, 2008 to report accomplishments, and plan future research and educational activities.

Summary: The afternoon session of March 11th and the morning session of March 12th were devoted to reports of accomplishments, summarizing research and educational activities that have been conducted under the program's seven priority areas. A summary of current research activities related to the Ogallala Aquifer being conducted by the USGS and NCAR were presented during the first half of the afternoon session of March 12th. The remainder of the workshop was devoted to planning of research and educational activities, with a focus on cooperative interactions among OAP, USGS and NCAR.

Annual Report:

Purpose: The objectives of the annual OAP workshop are to: 1) report accomplishments and progress; 2) promote dialog among program's participants; 3) increase awareness among program's participants of new and emerging issues; and 4) plan future research and educational activities.

Objective(s): Not applicable

Procedures Used: Not applicable

Results: Progress and accomplishments were reported by 22 participating scientists. These presentations were organized along the program's seven priority areas. Progress regarding the utility and best management practices associated with subsurface drip irrigation (SDI) was reported by scientists in the Irrigation Systems Technology Priority Area. Methods for

measuring and estimating evaporation and transpiration were a common theme among the three presentations in the Irrigation and Precipitation Management Priority Area. Diversification of the cropping systems and rotations was featured in the four reports in the Production Systems Priority Area. Development of data bases of groundwater availability were reported by the Hydrology/ Climatology Priority Area.

Presentations were made by representatives of USGS and NCAR regarding new activities being planned by these agencies that have the potential for collaboration with the OAP. NCAR activities will include modeling of climate of the Great Plains. USGS activities will include an assessment of water availability of the Great Plains. The information from these presentations was used as a starting point for participants to discuss potential collaborators.

Conclusions and Recommendations: Not applicable

Tech Transfer:

One completed workshop.

Presentations and non-peer reviewed publications: Many of the presentations are available with audio at the OAP's website, Ogallala.tamu.edu.

Peer review publications published in reporting period: Not applicable