

2nd Biennial Meeting on Water Resources in Tehama County and the Surrounding Northern Sacramento Valley Area

“Challenges and Efforts to Manage Our Water Resources”

About the Program

Water resource management is complex from any perspective, whether local, regional, or statewide. This program will provide an update and an opportunity to exchange information and encourage dialogue about water resource management in the Northern Sacramento Valley.

More about the Speakers

The **early morning session (9:10 to 10:35 a.m.)** of this program will provide information on statewide and regional water topics that may affect water users in the northern Sacramento Valley.

Daniel M. Dooley was appointed University of California (UC) Vice President - Division of Agriculture and Natural Resources (ANR) effective January 2, 2008. Dooley leads a statewide research and public service organization responsible for activities in agriculture, natural resources, environmental sciences, family and consumer sciences, forestry, human and community development, 4-H/youth development and related areas. Dan is a distinguished agricultural and environmental attorney with extensive experience in California. He distinguished himself by successfully bridging environmental and economic considerations in a number of controversial legal cases. Dan will provide a general overview of California water law which influences statewide, regional, and local water policy and management.

Leo Winternitz has more than 30 years of water resource experience in California. He currently works as Deputy Director for Strategic Planning with the CALFED Bay Delta Program. He served previously as Executive Director of the Sacramento Water Forum, a diverse group of 40 organizations representing business, agriculture, citizens groups, environmentalists, and water managers who have collaboratively negotiated a regional water supply and environmental protection agreement for the American River. Leo has assisted the Governor appointed Delta Vision Blue Ribbon Task Force in preparing their Vision and Strategic Plan and will provide an update on their recommendations and their relevance to northern Sacramento Valley Water users.

Teresa Geimer is a Registered Civil Engineer in California and has more than 25 years of water resource engineering experience. Teresa has managed the Department's participation in the Environmental Water Account and implemented the yearly Dry Year Water Purchase programs to augment water supplies for water districts, agencies, and

individuals of California. Currently, Teresa is the Drought Water Bank Coordinator and will provide an update on the 2009 Drought Water Bank efforts.

The **mid morning session (10:45 to 12:00 Noon)** will feature three Northern Sacramento Valley Water users that rely on uniquely different water supplies. The intent of this session is to encourage dialogue among Northern Sacramento Valley water users and explore both common and different perspectives about the future of water resource management in the Northern Sacramento Valley.

Rick Massa is General Manager of the Orland Unit Water Users Association (OUWUA) in northern Glenn County. It is a private, non-profit corporation that operates and maintains the U.S. Orland Project under contract with the U.S. Department of Interior, Bureau of Reclamation. OUWUA provides irrigation water to its 1100 water users that comprise 20,000 acres. OUWUA holds some of the oldest surface water rights in the Sacramento Valley. Rick will discuss the challenges the Association foresees and efforts they are making to manage their water resources for the future.

Jim Lowden is General Manager of the Corning Water District (CWD) in the southwestern portion of Tehama County. CWD has surface water rights and is under contract with the U.S. Department of Interior, Bureau of Reclamation and the Central Valley Project. CWD receives water from the Corning Canal and is a member of the Tehama Colusa Canal Authority. Jim will discuss the challenges that CWD anticipates in the future and steps that water users in the district are taking to manage them.

Brendon Flynn is general manager of Pacific Farms and Orchards, Incorporated who farm throughout Tehama County. He is also an executive member of the Sacramento Valley Land Owners Association, executive member of the Sacramento River Conservation Area Forum, and involved in other agricultural organizations. Brendon and many of the employees of Pacific Farms live in the rural areas of Tehama County. He will describe their reliance upon groundwater for irrigation and domestic water and share his perspective on the future of water resource management.

The **afternoon session (1:00 to 3:00 p.m.)** will focus more on local water resource management efforts.

Thomas Harter has been a Faculty, Cooperative Extension Groundwater Hydrologist at the University of California Davis since 1995. He received his Ph. D. in hydrology (with emphasis in subsurface hydrology) at the University of Arizona. His academic interests focus on flow and transport processes of groundwater. Thomas is an accomplished researcher on various aspects of groundwater resource management and groundwater contamination. Given an increasing interest in groundwater aquifer testing and groundwater modeling in the northern Sacramento Valley, Thomas will discuss some basics about groundwater aquifer testing and groundwater modeling and their use as tools to help better understand and manage water resources.

Dan McManus is Chief of the Groundwater Section for the California Department of Water Resources, Northern District in Red Bluff. Dan and the Groundwater Section technical staff are leaders of groundwater monitoring and investigations in the Northern Sacramento Valley. He will provide an update on groundwater conditions in the northern Sacramento Valley Counties following the summer of 2008. Dan will also provide insight about the water well infrastructure in the northern Sacramento Valley.

Ernie Ohlin is the Deputy Director for Tehama County Public Works and Water Resources Manager. Recognizing that our groundwater aquifer systems expand across county boundaries and are utilized and managed by numerous interests, Ernie will highlight Tehama County's involvement in multi-county and multi-party management efforts. He will also highlight current efforts to progress with groundwater management at a local level in Tehama County.

John Ayres is a consulting hydrogeologist with Brown and Caldwell in Sacramento. John was raised in Redding, studied geology at Chico State, and interned with the Department of Water Resources, Northern District. He has periodically consulted with the Tehama County Flood Control and Water Conservation District for over 5 years. Most recently, he reviewed historic groundwater level data from about 190 groundwater monitoring wells in Tehama County with records dating as far back as the 1940's. From this latest effort he has helped the District to proceed with implementation of groundwater Trigger Levels, a component of Tehama County's AB 3030 Coordinated Groundwater Management Plan which was adopted in 1998. John will describe steps that have been undertaken by the District to propose groundwater trigger levels and awareness actions for 12 groundwater sub-basins in Tehama County. His presentation will serve as a kick-off for additional public outreach that will take place in winter/spring of 2009.