

SUBSIDENCE INTEREST GROUP CONFERENCE AGENDA

**Las Vegas, Nevada
February 14–16, 1995**

Time	Subject	Presenters
Tuesday, February 14, 1995		
8:00 a.m.	Welcome, Opening Comments	Keith Prince, Menlo Park, Calif.
Session 1—Theoretical, Numerical, and Field Developments		
8:10	Numerical simulation of two-dimensional aquifer deformation—A finite-element model based on Biot theory	Paul Hsieh, Menlo Park, Calif.
8:50	Simulation of deformation of sediments from decline of ground-water levels in an aquifer underlain by a bedrock step	Stan Leake, Tucson, Ariz.
9:30	The state of subsidence modeling	Tom Burbey, Carson City, Nev.
10:10	Break	
10:30	Comments on poroviscosity	Don Helm, Reno, Nev.
11:10	Development and results of tilt sensors used in the study of beach deformation in the Grand Canyon	Mike Carpenter, Tucson, Ariz.
11:50	Lunch	
Session 2—Measurement of Subsidence		
1:00 p.m.	Land-surface elevation changes associated with well-injection tests, Los Angeles County, California	Devin Galloway, Sacramento, Calif.; Don Pool, Tucson, Ariz.
1:40	Changes in subsidence patterns at Roger Lake, Edwards Air Force Base, California	James Blodgett, Sacramento, Calif.
2:20	Measurement and correlation of earth-fissure formation rates with hydrogeology, subsidence, and ground-water withdrawals in the Picacho Basin, central Arizona	Don Pool, Tucson, Ariz; Steve Slaff, Tucson, Ariz; and Phil Pearthree, Tucson, Ariz.
3:00	Break	
3:20	Deformation measurements in the Albuquerque Basin of New Mexico	Chuck Heywood, Albuquerque, N. Mex.
4:00	Results of Global Positioning System surveys in Antelope Valley, California	Marti Ikehara, Sacramento, Calif.
4:30	IBEX—An endangered species? The design of an incremental borehole extensometer probe	Francis Riley, Menlo Park, Calif.
4:45	Adjourn	
7:30	USGS Subsidence Interest Group Business Meeting	
Wednesday, February 15, 1995		
Session 3—Subsidence Effects and Features		
8:00 a.m.	Land subsidence at Luke Air Force Base, Arizona	Herb Schumann, Tempe, Ariz.
8:40	Deformation in the Casa Diablo and geothermal well field, eastern California	Chris Farrar, Carnelian Bay, Calif.; Jim Howle, Carnelian Bay, Calif.
9:20	Break	
9:40	Partial collapse of the Retsof Salt Mine, New York	Dorothy Tepper, Ithaca, N.Y.
10:20	Sinkhole development in the San Xavier District, Tucson, Arizona	Don Pool, Tucson, Ariz.
11:00	Lunch	
12:00 p.m.	Field Trip 1—Las Vegas Wash	Gary Dixon, Las Vegas, Nev.; John Whitney, Yucca Mountain Project, Denver, Colo.; and Pat Glancy, Carson City, Nev.
Thursday, February 16, 1995		
8:00 a.m.	Field Trip 2—Subsidence in Las Vegas Valley	Don Helm, Reno, Nev.; Tom Burbey, Carson City, Nev.
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