

GROUNDWATER WITHDRAWAL - INDUCED LAND SUBSIDENCE IN THE SAN JOAQUIN VALLEY: A 2009 PERSPECTIVE

November 4, 2009 – Radisson Hotel, Fresno, California



Morning Schedule

“Salon C”

8:00 AM	Opening Remarks	Lynne Baumgras, BSK Associates	Welcome
8:10 AM	Keynote	Devin Galloway, United States Geological Survey (USGS)	Keynote address
8:50 AM	Policy	Paula Landis, California Department of Water Resources (DWR)	California water policy and implications for groundwater use / subsidence / flooding
9:30 AM	Groundwater Supply	Claudia Faunt, USGS	San Joaquin Valley groundwater supply and subsidence issues
10:10 AM	Break		
10:30 AM	Historical Perspective	Chris White, Central California Irrigation District	Historical and current impacts of subsidence on Delta-Mendota water delivery structures
11:10 AM	Infrastructure	Martin McIntyre, San Luis Water District	Historical and current impacts of subsidence on the California Aqueduct structural integrity and operations
12:00 PM	Lunch	“Sequoia Ballroom”	

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GROUNDWATER RESOURCES ASSOCIATION
OF CALIFORNIA

Afternoon Schedule

“Salon B”

1:00 PM	Measurement Techniques	Marti Ikehara, National Geologic Survey (NGS)	Geodetic techniques / continuous GPS to measure subsidence along San Joaquin Valley highways
1:40 PM	Monitoring Techniques	Michelle Sneed, USGS	InSAR monitoring of subsidence along the California Aqueduct and in the Coachella Valley
2:20 PM	Monitoring Techniques and lessons learned outside of California	Mike Rucker, AMEC	Monitoring land subsidence in the Phoenix area and potential applications to the San Joaquin Valley
3:00 PM	Break		
3:15 PM	Technical Measures for Mitigation	Round Table Discussion - Part 1 Moderator - Chris Johnson, AEGIS	Nigel Quinn, Lawrence Berkeley National Laboratory, Earth Sciences Division Steve Phillips, USGS Al Steele, DWR
4:00 PM	Policy Measures for Mitigation	Round Table Discussion - Part 2 Moderator – Sarge Green, California Water Institute	Karl Longley – California Regional Water Quality Control Board Paul Betancourt, Fresno County Farm Bureau Tom Glover, Westlands Water District
4:40 PM	Closing Remarks	Bill Pipes, AMEC Geomatrix	
5:00 PM	Hor d'oeuvres and cocktails	“Sequoia Ballroom”	