

2018 Desert Symposium theme papers  
(abstracts received, this list may change slightly)

- Whitney A. Seymour and John A. Izbicki: [Pre-development water-levels in the Centro area of the Mojave River groundwater basin](#)
- Yi-Rong Yang, Kevin M. Ellett, Rodrigo Borela, Antonio Bobet, Kaj Johnson, and Jill N. Densmore: [Evaluation of Ground Failure at Bicycle Basin, Fort Irwin National Training Center, California](#)
- Gregg Wilkerson: [Geology of the Old Mojave Road and surrounding areas, San Bernardino County, California and Clark County, Nevada](#)
- Springer, Kathleen B., Pigati, Jeffrey S., Manker, Craig R., and Mahan, Shannon A.: [The Las Vegas Formation](#)
- Marith Reheis, John Caskey, and Jordon Bright [Pleistocene Lakes and Paleohydrologic Environments of the Tecopa Basin: Constraints on the Drainage Integration of the Amargosa River](#)
- G. Phelps: [Preliminary Geologic map of the Mesquite Springs fault zone](#)
- Jeffrey E. Lovich, Mari Quillman, Brian Zitt, Adam Schroeder, David Earl Green, Charles Yackulic, Paul Gibbons and Eric Goode: [The effects of drought and fire in the extirpation of an abundant semi-aquatic turtle on the edge of the Mojave Desert in California](#)
- John A. Izbicki and Krishangi Groover: [Use of a summative scale for decision-making at a Cr\(VI\) contamination site](#)
- Elizabeth K. Haddon, David M. Miller, Victoria E. Langenheim, Tanzhuo Liu, Laura C. Walkup, Elmira Wan: [Initiation and rate of slip on the Lockhart and Mt. General faults in southern Hinkley Valley, California](#)
- Krishangi Groover and John Izbicki: [Trace element concentrations in alluvium of the Mojave River floodplain](#)
- Walter Feller: [The Broken River](#)
- Jill N. Densmore: [Evaluating groundwater discharge and water quality at springs, Fort Irwin National Training Center, San Bernardino County, California](#)
- Andrew J. Cyr and David M. Miller: [Quaternary record of Mojave River discharge determined from detrital <sup>10</sup>Be pebble exposure ages](#)
- Kristy L. Cummings, Shellie R. Puffer, Jeffrey E. Lovich, and Kathie Meyer-Wilkins: [Biodiversity of amphibians and reptiles at the Camp Cady Wildlife Area, Mojave Desert, California and comparisons with other desert locations](#)
- D.M. Miller, E. K. Haddon, V.E. Langenheim, A. J. Cyr, E. Wan, L. Walkup and S. Starratt: [Middle Pleistocene infill of Hinkley Valley by Mojave River sediment and associated lake sediment: Depositional architecture and deformation by strike-slip faults](#)
- Geoff Cromwell, Lyndsay Ball, David Buesch, Jill Densmore-Judy: [Integrating geologic and geophysical data into a comprehensive hydrogeologic framework model of two groundwater basins at Fort Irwin National Training Center in the Mojave Desert, California](#)
- Ernie Anderson: [Early Miocene extension in the central Mojave; where do we go from here?](#)

Joy Berry: [Silver production from the Silver King Vein, Calico, California: A forensic geology estimate](#)

David K. Lynch, Paul M. Adams, David S. P. Dearborn: [Fault structure and biogenic soil calcite near Ivanpah Spring, Clark Mountain, San Bernardino County, California](#)

Jenna L. Norris, Jeffrey E. Lovich, Rafael A. Lara Resendez and Shellie R. Puffer: [How long can Desert Tortoises, \*Gopherus agassizii\*, hide in their burrows from climate change?](#)

LeAnn Zuniga, David Stone, Jennifer Garrison, Barry Hibbs, Scarlett Tovar: [Water quality and geochemical study of California Black Toad habitat in Deep Springs Valley, California](#)