

2014 Devils Hole Workshop
Speakers and Events
Death Valley National Park Visitor Center Hall
April 30 - May 1, 2014

Oral Presentations: Wednesday, April 30, 12:15 PM to 5:15 PM

- 12:15 Welcome and opening comments
Donna Lamm – Welcome
Levi Kryder – Workshop overview

Session 1: Springs Panel

- 12:30 Keynote address: Don Sada, Desert Research Institute, Las Vegas, NV
Environmental – Biological Relationships in Western US Desert Springs
- 1:00 Andy Zdon, Andy Zdon & Associates, Inc., Walnut Creek, CA
Baseline Hydrologic Characterization of Springs in the California Desert – A Critical Component for Water Resource Management
- 1:30 Jennifer Back, National Park Service, Fort Collins, CO
Spring Sustainability in a Regional Flow System
- 2:00 John Hiatt, Amargosa Conservancy, Shoshone, CA
Springs: the Historical Perspective and the Need for Long Term Monitoring
- 2:30 Q&A and break

Session 2

- 2:45 Jay Lazarus, Jim Reisterer, P.G., and Elke Naumberg, Ph.D., Glorieta Geoscience, Inc., Santa Fe, NM
Design of High Production, High Efficiency Production Wells in Amargosa Valley, Nevada.
- 3:00 Rick Reinke, Norwest Corporation, Denver, CO
Nye County Gravity Fault Well Testing, Amargosa Valley, Nevada
- 3:30 Mark Hausner, Desert Research Institute, Las Vegas, NV
Physical and Ecological Responses to Climate Change in Devils Hole
- 4:00 Bailey Gaines, Death Valley National Park, Pahrump, NV
*Current Status and Recent Recovery Actions for the Endangered Devils Hole Pupfish, *Cyprinodon diabolis**
- 4:30 Darrick Weissenfluh, US Fish & Wildlife Service, Las Vegas, NV
The Ash Meadows Fish Conservation Facility
- 5:00 Michael King, HYDROdynamics Group, LLC., Edmonds, WA
Annual Pupfish Award presentation
- 5:15 Q&A and wrap up

5:30 Poster Session

6:30 Reception and Dinner – Mexican food catered by Rosa
Furnace Creek Date Grove

Oral Presentations: Thursday, May 1, 8:00 AM to 12:15 PM

Session 3 – Continental breakfast provided

8:00 Peter Fahmy, National Park Service Water Rights Branch, Fort Collins, CO
In Defense of Monitoring, Management, and Mitigation Plans

8:30 Noel Ludwig and Peter Godfrey, Bureau of Land Management,
Chuckwalla Basin Water Balance Assessment

9:00 Wayne Belcher, US Geological Survey, Henderson, NV
An Update to the Death Valley Regional Groundwater Flow System Numerical Flow Model, Nevada and California

9:30 Keith Halford, US Geological Survey, Carson City, NV
Improving Groundwater Models with Transmissivity Observations

10:00 Q&A and break

Session 4

10:15 Derek B. Hall, NSTec, Las Vegas, NV
Getting the Biggest Bang for your Buck: Wildlife Monitoring on the Nevada National Security Site

10:45 Jay Lazarus, Elke Naumburg, Ph.D., Glorieta Geoscience, Inc., Santa Fe, NM
Water Resource Conservation, Best Management Practices, and Water Rights Management, Ponderosa Dairy, Amargosa Valley, Nevada.

11:15 Jason King, Nevada Division of Water Resources, Carson City, NV
Groundwater Management Areas – Building the Plane and Flying it at the Same Time

11:45 Darrell Lacy, Nye County Water District, Pahrump, NV
Groundwater Management Planning in the Pahrump Hydrographic Basin

12:15 Q&A and lunch break

Field Trip: Thursday, May 1, 1:30 PM to 6:00 PM

1:30 Meet at Furnace Creek Visitor Center
Nye County Drilling and Testing: Geologic and Hydrologic Perspective on the Gravity Fault, Amargosa Valley, Nevada

Participants will visit Nye County wells sites near the Gravity Fault for an open discussion on the geology and hydrology of the flow system. Maps, charts, and drill cuttings will be presented for discussion. Sturdy hiking shoes and high-clearance vehicles are recommended.