Journal Articles


Conference Abstracts/Proceedings


New Projects

Data Gathering and Input for Creation of a CD Database for Riverside County

**PI:** Pey Yi Lee

**Agency:** University of California, Riverside

**Amount:** $2,065

**Summary:** Provide information that includes adding a column of data which indicates the distance to nature preserve at the year of sale for each record of multiple sale parcels in western Riverside County.

Video Documentary of the Voyage for Cleaner Energy

**PI:** David McGraw

**Agency:** District 2041 (Twenty Forty One)

**Amount:** $8,092

**Summary:** This project is to produce a video documentary of the events leading up to the first leg (San Francisco to Seattle) of the Voyage for Cleaner Energy. The primary benefit of producing this documentary is to reach an audience much larger than those present at Voyage events.

Boca Reservoir Evaporation Measurements for the Truckee River Operating Agreement (TROA)

**PI:** Gayle Dana

**Agency:** TBD

**Amount:** $104,543

**Summary:** The overall goal of this project is to improve evaporation measurements in the Truckee River Basin, and to develop an automated system of estimating daily evaporation for use by TROA for day-to-day reservoir operations.

Development of a Validated Groundwater Flow Model of Pahrump Valley

**PI:** Matt Reeves

**Agency:** Nye County, Nevada

**Amount:** $149,980

**Summary:** DRI will construct a conceptual model of groundwater flow for Pahrump Valley. The numerical model is expected to serve as a management tool to Nye County and the Nevada Division of Water Resources for the evaluation of water budget parameters, simulation of the effects of water resource management alternatives, and to optimize the utilization of the existing water resources of Pahrump basin.
Hydrologic Modeling and Well Monitoring Project: Stillwater, Nevada

**PI:** Dave Decker  
**Agency:** ENEL North America, LLC  
**Amount:** $49,844  
**Summary:** DRI proposes to conduct a well monitoring program and produce a hydrologic model of the Stillwater, Nevada area for ENEL Geothermal, LLC. Monitoring and modeling will occur as a provision of compliance in the Special Use Permit issued by Churchill County to ENEL Geothermal, LLC for expansion of the Stillwater Geothermal Plant.

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**New Hires (April thru June)**

- Rishi Parashar - post-doc working with Matt Reeves
- Lise Comartin - graduate student
- Matthew Sgambati - graduate student

**DHS Announcements**

- Ron Hershey, Rick Susfalk and Julian Zhu were all promoted from Rank II to Rank III, and Scott Campbell was promoted from Rank I to Rank II. Congrats everyone!
- Chuck Russell participated in the NSF funded Earth Science Online Literacy Workshop conducted during the period May 12th to May 23rd. One hundred and fifty participants were selected from a nationwide pool of 500 volunteers to identify the key elements that should be associated with literacy in Earth Science. This effort parallels the efforts already conducted to define atmospheric and oceanic scientific literacy. The resultant concepts and ideas will be expounded upon and used to promote Earth Science literacy at local, state, and national levels.
- Matt Reeves received the Outstanding Faculty Award, Graduate Program of Hydrologic Sciences, University of Nevada, Reno, 2007-2008.
- Michael Young was asked to serve as Associate Editor of the S-1 section of the Soil Science Society of America Journal for a 3-year term.

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Enjoy your summer!
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<th>Date</th>
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<td>High Resolution Mercury Concentrations and Fluxes over Recent Centuries as Recorded in Greenland Ice Cores</td>
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<td>Evaluating Channel Bar Surface Water and Groundwater Interactions using Trace Elemental Chemistry</td>
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<td>6-Jun-08</td>
<td>Chief, Karletta Berli, Markus, Young, Michael Stone, Mark C.</td>
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<td>Wildfire Effects on Soil Hydraulic Properties of Semi-Arid Soils</td>
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