

CURRENT AND RECENT RESEARCH AT GLEN CANYON NATIONAL RECTREATION AREA

Last Updated: April 2, 2010

RSRP Number	PI Name	Research Title	PI Email	PI Affiliation
440	Skip Ambrose	<i>Acoustic Monitoring in Glen Canyon NRA</i>	skipambrose@frontiernet.net	Sandhill Consulting
442	Dennis Atkinson	<i>U.S. Historical Climatology Network Modernization Program – Lee’s Ferry</i>	Dennis.atkinson@noaa.gov	National Oceanic and Atmospheric Administration
445	Dennis Atkinson	<i>U.S. Historical Climatology Network Modernization Program – Big Water</i>	Dennis.atkinson@noaa.gov	National Oceanic and Atmospheric Administration
391	Richard Barclay	<i>Deep time climate change in the Dakota Sandstone</i>	Barclay@earth.northwestern.edu	Northwestern University
433	Melody Bechberger	<i>Spatial variability of diagenetic processes and products along bounding surfaces in the Navajo Sandstone</i>	melody@bechberger.com	Montana State University
397	Michael Berry	<i>Implementation of a mitigation plan for historic properties in Glen Canyon NRA and Grand Canyon NP</i>	mberry@uc.usbr.gov	Bureau of Reclamation
401	Anne Brasher	<i>Support of aquatic macro-invertebrate monitoring in Glen Canyon NRA</i>	abrasher@usgs.gov	U.S. Geological Survey
427	Benjamin Brown	<i>Utah comprehensive assessment of stream ecosystems</i>	brbrown@utah.gov	Utah Division of Water Quality
394	Michael Burney	<i>Soil Survey of Glen Canyon NRA</i>	mike.burney@az.usda.gov	Natural Resource Conservation Service
384	Marjorie Chan	<i>Anomalous Jurassic sandstone in southeastern Utah</i>	machan@mines.utah.edu	University of Utah
408	James DeCoster	<i>Implement upland vegetation monitoring in GLCA</i>	James_DeCoster@nps.gov	National Park Service
322	Charles Drost	<i>Population status and viability of <u>Rana pipiens</u> in Glen Canyon NRA and Grand Canyon NP</i>	charles_drost@usgs.gov	U.S. Geological Survey
364	James Enderson	<i>Peregrine falcon monitoring on Lake Powell</i>	jenderson@coloradocollege.edu	Colorado College
388	Elizabeth Fuller	<i>Monitoring organic drift using hydroacoustics</i>	aefuller@usgs.gov	U.S. Geological Survey

403 - In review	Phil Geib	<i>Radiocarbon dating of the Doughnut Alcove wooden tool cache</i>	phil.geib@nau.edu	Northern Arizona University
434	Fiona Gill	<i>Chemical investigations of animal digestive systems in the fossil record</i>	Fiona.Gill@bristol.ac.uk	University of Bristol
413	David Gillette	<i>Excavation and surface collection of fossil vertebrates in the Cretaceous Tropic Shale</i>	dgillette@mna.mus.az.us	Museum of Northern Arizona
417	Betsy Goodrich	<i>Firewood movement across state lines by national park visitors</i>	Betsy.goorich@colostate.edu	Colorado State University
405	Matthew Graham	<i>Ecology and evolution of Great Basin scorpions</i>	matthew.graham@unlv.edu	University of Nevada – Las Vegas
435 – in review	Tim Graham	<i>Taxonomy and natural history of the Raphidiphoridae and Stenopelmatidae (Orthoptera) of the Colorado Plateau</i>	lasius17@gmail.com	Independent researcher
399	Kara Hilwig	<i>Evaluate the future effects of a high flow on adult rainbow trout distribution in Glen and Marble Canyons</i>	khilwig@usgs.gov	U.S. Geological Survey
415	Dawn Holzer	<i>Cactus moth (Cactoblastis cactorum) surveys</i>	Dawn.e.holzer@usda.gov	U.S. Department of Agriculture, APHIS, Utah State University
333	Nancy Hornewer	<i>Establish new gauging station on Paria River</i>	njhornew@usgs.gov	U.S. Geological Survey
396	Rossman Irwin III	<i>Geomorphology of theater-headed valleys: process/form relationships in analogs to Martian valley networks</i>	irwinr@si.edu	Smithsonian Institution
410	Leigh Johnson	<i>Evolution of Cycladenia humilis in western North America</i>	leigh_johnson@byu.edu	Brigham Young University
392	Matthew Kaplinski	<i>Long-term monitoring of high elevation campsites and sandbar morphology in the Colorado River ecosystem in Glen and Grand Canyons</i>	mat.kaplinski@nau.edu	Northern Arizona University
335	Theodore Kennedy	<i>Linking whole-system carbon cycling to quantitative food webs in the Colorado River, Glen Canyon NRA</i>	tkennedy@usgs.gov	U.S. Geological Survey
436	James Kirkland	<i>Establishment of long-term monitoring of fossil</i>	jameskirkland@utah.gov	Utah Geological Survey

		<i>trackways</i>		
416	Gary Kocurek	<i>Paleoclimate reconstructions using aeolian cross-strata</i>	garyk@mail.utexas.edu	University of Texas - Austin
398	Josh Korman	<i>Evaluation of fluctuating flows from Glen Canyon Dam on the early life-stage survival and recruitment of rainbow trout in the Colorado River</i>	jkorman@ecometric.com	Ecometrics Inc.
402	Adam Majeski	<i>Fluvial systems tied together through a common base level: the geomorphic response of the Dirty Devil River, North Wash Creek, and the Colorado River to the rapid base level drop of Lake Powell</i>	amajeski@gmail.com	Utah State University
376	Andrew Miall	<i>The paleohydrology and event significance of selected interdune deposits and soft-sediment deformation features in the Navajo Sandstone of the Glen Canyon region</i>	miall@geology.utoronto.ca	University of Toronto
423	Eric Millis	<i>Bathymetric studies for the Lake Powell pipeline</i>	ericmillis@utah.gov	Utah Division of Water Resources
424	Eric Millis	<i>Geotechnical studies for the Lake Powell pipeline</i>	ericmillis@utah.gov	Utah Division of Water Resources
431	Eric Millis	<i>Geology and soils studies for the Lake Powell pipeline</i>	ericmillis@utah.gov	Utah Division of Water Resources
393	Stephen Monroe	<i>Long-term monitoring of aquatic macro-invertebrate communities in streams of Glen Canyon NRA</i>	Stephen_Monroe@nps.gov	National Park Service
437	Ryan Nielson	<i>Surveys of golden eagles in western North America</i>	rnielson@west-inc.com	Western Ecosystems Technology, Inc.
362	Susan McVean	<i>Establishment of northern leopard frog refugium populations</i>	smacvean@azgfd.gov	Arizona Game & Fish Department
430	Mark Meyer	<i>Visual and scenic studies for the Lake Powell pipeline</i>	mmeyer@lsdaz.com	Logan Simpson Design
385	Greta Orris	<i>Investigation of the occurrence and distribution of naturally-produced perchlorate in areas of minimal anthropogenic impact</i>	greta@usgs.gov	U.S. Geological Survey

389	James Page	<i>Authentication and documentation of an inscription from the 1776 Dominguez-Escalante expedition</i>	leavenotrace2003@yahoo.com	Independent researcher
421	Bruce Palmer	<i>Vegetation studies for the Lake Powell pipeline</i>	bpalmer@lsdaz.com	Logan Simpson Design
406	Emily Palmquist	<i>Phylogeny and evolution of Anticlea vaginata on the Colorado Plateau</i>	Emily.Palmquist@nau.edu	Northern Arizona University
378	Joel Pederson	<i>Incision and geomorphic evolution of the Grand Canyon region</i>	bolo@cc.usu.edu	Utah State University
334	William Persons	<i>Monitoring the rainbow trout fishery of the Colorado River downstream from Glen Canyon Dam to the Paria River confluence in Glen Canyon NRA</i>	wpersons@usgs.gov	U.S. Geological Survey
422	Michael Polk	<i>Paleontology surveys for the Lake Powell pipeline</i>	mpolk@sagebrushconsultants.com	Sagebrush Consultants, L.C.C.
419	Barbara Ralston	<i>Developing a monitoring protocol to support long-term monitoring of arthropods in riparian habitats along the Colorado River</i>	bralston@usgs.gov	U.S. Geological Survey
420	David Rubin	<i>Colorado River mainstem sediment sampling</i>	drubin@usgs.gov	U.S. Geological Survey
441	Dale Ryden	<i>San Juan River main channel fish community monitoring</i>	Dale_ryden@fws.gov	U.S. Fish & Wildlife Service
390	Juddson Sechrist	<i>Fisheries hydroacoustic surveys at Glen Canyon Dam</i>	jsechrist@do.usbr.gov	Bureau of Reclamation
429	Seema Sheth	<i>Determinants of geographic distribution in western North American monkeyflowers</i>	Seema.sheth@colostate.edu	Colorado State University
444	Kathy Spellman	<i>Visitor attitudes towards signage at archeological sites</i>	dryspell@cableone.net	Stephen F. Austin University
395	Nike Stevens	<i>Bighorn sheep transplants onto the Navajo Nation adjacent to Glen Canyon NRA</i>	stevenswildlife@earthlink.net	Stevens Wildlife Consulting
438	Amber Struthers	<i>The relationship between body size and fecal matter volume in comparison with extant organisms and fossilized coprolite samples</i>	alstruthers@yahoo.com	University of Arizona

414	Genevieve Walden	<i>Phylogenetic analyses of sectional and species level relationships within Phacelia (Boraginaceae) inferred from chloroplast and nuclear data</i>	gkwalden@gmail.com	San Francisco State University
370	Richard Webb	<i>Image analysis of historic photographs and repeat photography: integrating diverse Department of Interior interests</i>	rhwebb@usgs.gov	U.S. Geological Survey
382	Richard Wildman	<i>Effects of desiccation on sedimentary trace metal mobilization in Lake Powell</i>	Wildman@caltech.edu	Caltech Institute
301	Michael Wilson	<i>Annual forestland inventory of Arizona and Utah</i>	mjwilson@fs.fed.us	U.S. Forest Service
418	Anthony Wright	<i>Small mammal surveys in southern Utah</i>	TonyWright@utah.gov	Utah Division of Wildlife Resources