



Families Discover Furs, Feathers and Scales

The **10th USGS Open House** was a smashing success. Science enthusiasts from the San Francisco area and beyond converged on the USGS Menlo Park campus on May 19 and May 20 to sample **the wide variety of scientific research that USGS provides to the Nation**. WERC staff were on hand, explaining the research process of the South Bay salt pond restoration. USGS, Monterey Bay Aquarium and UC Santa Cruz scientists taught kids about sea otters and marine ecosystem studies. The desert tortoise documentary “**The Heat Is On**” was also shown. It was a weekend that could only be eclipsed by an actual solar eclipse! Check out the photos and tweets here:

<http://www.werc.usgs.gov/outreach.aspx?RecordID=138>

<http://storify.com/younglandis/2012-usgs-open-house-top-tweets>

NEW JOURNAL ARTICLES

van Wagtenonk, JW, KA van Wagtenonk, AE Thode. 2012. **Factors associated with the severity of interacting fires in Yosemite National Park**. *Fire Ecology* 8(1): 11-31. doi: 10.4996/fireecology.0801011

<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4725>

van Riper II, C, R Powell, G Machlis, JW van Wagtenonk, CJ van Riper, E von Ruschkowski, SE Schwarzbach, RE Galipeau. 2012. **Using integrated research and interdisciplinary science: potential benefits to managers of parks and protected areas**. *George Wright Forum* 29(2): 216-226.

<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4726>

Roderick, G, P Croucher, A Vandergast, R Gillespie. 2012. **Species differentiation on a dynamic landscape: shifts in metapopulation genetic structure using the chronology of the Hawaiian Archipelago**. *Evolutionary Biology* 39(2): 192-206.

doi: 10.1007/s11692-012-9184-5

<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4722>

EVENTS

May 31, 2012 (Menlo Park, CA)

Laura Valoppi presented the lecture **Restoring the Wild Heart of South San Francisco Bay** at this month's USGS Evening Public Lecture. The talk, which profiled USGS research supporting the South Bay Salt Pond Restoration Project, was filmed and the video is now available for download.

<http://www.werc.usgs.gov/Event.aspx?ID=107>

<http://online.wr.usgs.gov/calendar/2012/may12.html>

June 05, 2012 (Webinar) WERC scientist Karen Thorne will give the June webinar for the **California Landscape Conservation Cooperative**. Thorne will discuss research by John Takekawa and colleagues on **fine-scale mapping and forecasting of sea level rise impacts on marshes**.

<http://www.werc.usgs.gov/Event.aspx?ID=109>

July 15-18, 2012 (Oakland, CA) The Society for Conservation Biology will host its **2012 North America Congress for Conservation Biology**. Interior Assistant Secretary Anne Castle will be the July 18 plenary speaker, while WERC scientist Laura Valoppi will co-host a tour of salt pond restoration sites on July 19.

<http://www.werc.usgs.gov/Event.aspx?ID=85>

IN THE NEWS

Mountain Lion Living in Griffith Park, Wildlife Study Finds (KCET) reprints the announcement discussing research by WERC scientist Erin Boydston, whose collaborative research photographed a mountain lion via remote cameras near Griffith Park, Los Angeles, home of the famed Hollywood Sign.

http://www.kcet.org/updaily/the_back_forty/wildlife/griffith-park-mountain-lion.html

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NEW JOURNAL ARTICLES (CONT'D)

Drake, KK, KE Nussear, TC Esque, AM Barber, KM Vittum, PA Medica, CR Tracy, KW Hunter Jr. 2012. **Does translocation influence physiological stress in the desert tortoise?** *Animal Conservation*. doi: 10.1111/j.1469-1795.2012.00549.x
<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4720>

DeFalco, LA, TC Esque, MB Nicklas, JM Kane. 2012. **Supplementing seed banks to rehabilitate disturbed Mojave Desert shrublands: where do all the seeds go?** *Restoration Ecology* 20(1): 85-94. doi: 10.1111/j.1526-100X.2010.00739.x
<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4723>

NEW BOOK CHAPTERS

Hechinger, RF, KD Lafferty, AM Kuris. 2011. **Parasites.** in Sibley RM, JH Brown, A Brown (eds.) **Metabolic Ecology: A Scaling Approach.** Hoboken, NJ: Wiley-Blackwell. 234-247.
<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4721>

NEW FACTSHEETS

WERC Outreach Factsheet: South Bay Salt Pond Restoration Project

Restoring over 15,000 acres of wetlands and ponds requires a tremendous amount of research and management, and USGS science is informing the adaptive management plan for this massive Silicon Valley project. Learn about the role of USGS scientists involved in the project, including **Josh Ackerman**, **John Takekawa** and **Laura Valoppi**.
<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4724>

IN THE NEWS (CONT'D)

“Islands in the Sky”: **Conserving the Cloud Forests of Samoa (SPREP)** is a feature article from the **Secretariat of the Pacific Regional Environment Programme**, the international consortium on sustainable development of Pacific Islands. The article explains the BIORAP survey taking place currently, on which WERC scientist **Robert Fisher** is leading the reptile survey component.
<http://www.sprep.org/biodiversity-ecosystems-management/islands-in-the-sky-conserving-the-cloud-forests-of-samoa>

OUTREACH NEWS

On May 16, WERC scientist **Nathan Stephenson** visited the **Arrowhead Hotshots** interagency firefighting crew and presented on climate change and its implications
