



EVENTS

July 31, 2013 (Webinar)

Phil van Mantgem presented an online lecture co-sponsored by the **Joint Fire Science Program**, on the complexities of climate warming, wildfire and forest mortality in the Western United States.

<http://www.werc.usgs.gov/Event.aspx?ID=159>

IN THE NEWS



Age Matters for Song Sparrows and Climate Change (UC Davis News)

Climate change may have opposite effects for adult and juvenile song sparrows in central coastal California. A study co-authored by **Mark Herzog** with colleagues at UC Davis and Point Blue Conservation Science found that warm winters have positive effects for adult sparrows, but potentially not for juvenile sparrows.

http://news.ucdavis.edu/search/news_detail.lasso?id=10675

Ducks Learn to Surf for Food (National Geographic.com)

Reporter Allie Wilkinson writes about **Kevin Lafferty**'s recently published observations on mallard ducks along the California and Oregon coast, where they have learned to feed on sand crabs (*Emerita analoga*) in the beach surf.

<http://newswatch.nationalgeographic.com/2013/08/12/ducks-learn-to-surf-for-food-video/>

Bird and Fish Numbers Up: Symposium Shares Updates on Silicon Valley Wetland Restoration

On July 16, the **South Bay Salt Pond Restoration Project** hosted its fourth biennial South Bay Science Symposium, sharing restoration and research updates with local stakeholders and the public. This year is the 10th anniversary of the project — the largest tidal wetland restoration effort on the U.S. West Coast. Congressman Mike Honda sent a letter of recognition and his staff were in attendance. The symposium was co-organized by **Laura Valoppi**, who serves as the project's research coordinator. **John Takekawa**, **Lacy Smith**, **Stacy Moskal**, **Alex Hartman** and **Josh Ackerman** are among the WERC scientists contributing research to the restoration, and videos and PDFs of their presentations can be found at the symposium homepage.

<http://www.southbayrestoration.org/science/2013symposium/>
<http://www.werc.usgs.gov/outreach.aspx?RecordID=190>

NEW JOURNAL ARTICLES

Berlow EL, RA Knapp, **SM Ostojka**, RJ Williams, H McKenny, **JR Matchett**, Q Guo, **GM Fellers**, P Kleeman, **ML Brooks**, L Joppa. 2013 **A network extension of species occupancy models in a patchy environment applied to the Yosemite toad (*Anaxyrus canorus*)**. *PLoS ONE* 8(8): e72200. doi: 10.1371/journal.pone.0072200
<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4931>

Dybala, KE, JM Eadie, T Gardali, NE Seavy, **MP Herzog**. 2013. **Projecting demographic responses to climate change: adult and juvenile survival respond differently to direct and indirect effects of weather in a passerine population**. *Global Change Biology* 19(9): 2688-2697. doi: 10.1111/gcb.12228
<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4936>

NEW JOURNAL ARTICLES

Love, MS, MK Saiki, TW May, **JL Yee**. 2013. **Whole-body concentrations of elements in three fish species from offshore oil platforms and natural areas in the Southern California Bight, USA.** *Bulletin of Marine Science* 89(3): 717-734.
doi: 10.5343/bms.2012.1078
<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4937>

McAllister, CT, DW Duszynski, **RN Fisher**, CC Austin. 2013. **A new species of *Eimeria* Schneider, 1875 (Apicomplexa: Eimeriidae) from *Carlia* spp. (Sauria: Scincidae) from Papua New Guinea.** *Systematic Parasitology* 86(1): 53-57.
doi: 10.1007/s11230-013-9429-4
<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4938>

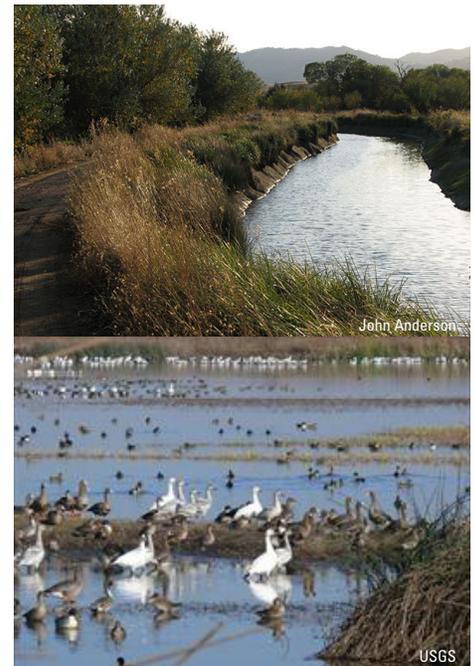
McAllister, CT, DW Duszynski, **RN Fisher**. 2013. **Two new species of *Isospora* (Apicomplexa: Eimeriidae) from skinks *Emoia* spp. (Sauria: Scincidae), from Fiji and Papua New Guinea.** *Journal of Parasitology* 99(4): 677-679.
doi: 10.1645/12-171.1
<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4934>

Syphard, AD, A Bar Massada, V Butsic, **JE Keeley**. 2013. **Land use planning and wild-fire: development policies influence future probability of housing loss.** *PLoS ONE* 8(8): e71708. doi:10.1371/journal.pone.0071708
<http://www.werc.usgs.gov/ProductDetails.aspx?ID=4935>



“Is There an Iguana Doctor in the House?”

Robert Fisher recently returned from several weeks in Fiji, conducting field studies on endangered *Brachylophus* iguana species and meeting with local partners, including discussions on USAID’s Coastal Community Adaptation Project (C-CAP). But before departing, Fisher also checked in on several *Brachylophus vitiensis* iguanas in care of the Likuliku Lagoon Resort, collecting genetic samples which will likely confirm these specimens as a new species distinct from *B. vitiensis*.
<https://www.facebook.com/media/set/?set=a.10151795556316101.1073741838.46103121100>



Climate, Urbanization, and Water Supply Management in Central Valley Wetland Habitat Conservation

Most wetland habitats in the Central Valley rely on managed surface water supplies stored in reservoirs and delivered to competing water users. These water supplies vary with snow pack, temperature and precipitation, and now research led in part by **Joe Fleskes** seeks to help the Central Valley Joint Venture (CVJV) adapt its wetland habitat conservation planning to account for both spatial and temporal factors in human and waterfowl use of water supplies.
<http://www.centralvalleyjointventure.org/features/news/accounting-for-climate-urbanization-and-water-supply-management-in-wetland-habitat-conservation-planning>