

## **CHRISTOPHER W. SOLEK-Wetland Scientist**

### **EDUCATION:**

Ph.D., Environmental Science, Policy & Management, University California, Berkeley 2007

M.S., Biological Sciences, California State Polytechnic University, Pomona, 2002

B.S., Wildlife and Fisheries Biology, University of California, Davis, 1992

### **AREAS OF EXPERTISE:**

Dr. Solek is a biologist specializing in estuarine and freshwater assessment and monitoring. He is currently involved with developing and implementing monitoring/assessment programs for southern California wetlands. He also works with the Southern California Wetlands Recovery Project's Scientific Advisory Panel.

### **PROFESSIONAL EXPERIENCE:**

Biological Consultant, San Gabriel Mountains Regional Conservancy, Glendora, CA. 2002-2006

Staff Research Associate, Dow AgroSciences and University of California, Berkeley. 1998- 2003

Preserve Manager, The Nature Conservancy of Texas, Austin, TX. 1997

Assistant Wildlife Biologist, Department of Marine and Wildlife Resources, Pago Pago, American Samoa. 1995-1997.

### **PROFESSIONAL APPOINTMENTS:**

Southern California Wetlands Recovery Project Technical Advisory Committee (2007)

### **HONORS AND AWARDS:**

Robert L. Usinger Memorial Award, 2007

Travel Award, Department of Environmental Science, Policy & Management, UC Berkeley, 2007

Johannes Joos Memorial Award, 2004

Travel Fellowship, Graduate Division, UC Berkeley, 2004

### **PROFESSIONAL SOCIETIES AND CERTIFICATIONS:**

North American Benthological Society

North American Black Fly Association

Society of Environmental Toxicology and Chemistry

Southwestern Association of Freshwater Invertebrate Taxonomists

### **PUBLICATIONS:**

Getty, G.M., C.W. Solek, R. J. Sbragia, M. I. Haverty, and V. R. Lewis. Large-scale Suppression of a Subterranean Termite Community using the Sentricon<sup>®</sup> Termite Colony Elimination System: A Case Study in Chatsworth, California, USA, *Sociobiology*, *in press*.

Freifeld, H., C. W. Solek, and A. Tualualelei. 2004. Temporal Variation in Forest Bird Survey Data from Tutuila Island, American Samoa. *Pacific Science* 58(1): 99-117.

Brooke, A. P., C. W. Solek, and A. Tualualelei. 2000. Roosting behavior of colonial and solitary flying foxes in American Samoa (Chiroptera: Pteropodidae). *Biotropica* 32(2): 338-350.

Solek, C.W. and L.J. Szijj. 1999. Coastal Cactus Wren species account. California Partners in Flight (PIF), Coastal Scrub/Chaparral Bird Conservation Plan.

<http://www.prbo.org/calpif/htmldocs/species/scrub/cacwacct.html>.

### **TECHNICAL REPORTS:**

Solek, C. 2006. Habitat Assessment for the Upper San Gabriel River, Walnut Creek, and San Jose Creek. Prepared for the San Gabriel Mountains Regional Conservancy.

Solek, C. 2005. Biological Resources of the Livingston-Graham Quarry Property, El Monte, CA. Prepared for Amigos de los Rios. 17 p.

Solek, C. 2004. Biological Resources of the Rio Hondo-Alhambra Wash Confluence, Whittier Narrows Recreation Area, El Monte, CA. Prepared for Amigos de los Rios. 21 p.

Solek, C. 2004. Biological Assessment of the Peck Road Water Conservation Park, Arcadia, CA. Prepared for Amigos de los Rios. 18 p.

Solek, C. 2003. Rewatering the San Gabriel River Below Morris Dam: Challenges and Potential Solutions. Prepared for the Fly Fishers Club of Orange County, 35 p.

Solek, C. Solek, C. 2002. Recreational fishing feasibility study for Morris, San Gabriel, and Cogswell Reservoirs, Los Angeles County, CA. Prepared for the Fly Fishers Club of Orange County, 25 p.

Webb, E.L. and Solek, C. 1998. Notes on the pollination of *Syzygium dealatum* (Burkill) A.C. Smith (Myrtaceae) in American Samoa. DMWR Biological Report Series No. 88.

### **SELECTED PRESENTATIONS AND CONFERENCE PROCEEDINGS:**

Getty, G.M., C.W. Solek, M.D. Lees, R.J. Sbragia, M. I. Haverty, and V.R. Lewis. 2006. Performance of the Sentricon<sup>®</sup> Termite Colony Elimination System for control of *Reticulitermes hesperus* at a condominium development in southern California. Paper presented at the Annual meeting of the Entomological Society of America, Indianapolis, IN.

Getty, G.M., C.W. Solek, M.D. Lees, R.J. Sbragia, M. I. Haverty, and V.R. Lewis. 2006. Suppression of the subterranean termite (Isoptera, Rhinotermitidae, *Reticulitermes* spp.) in a large scale community using the Sentricon Termite Colony Elimination System: a case study in Chatsworth, CA. Paper Presented at the National Conference on Urban Entomology, Raleigh, NC.

Haverty, M.I., Nelson L. J., and Solek, C.W. 2002. *Reticulitermes* species in California: cuticular hydrocarbons and soldier defense secretions. Paper presented at the 19<sup>th</sup> Annual meeting of the International Society of Chemical Ecology, Hamburg, Germany.