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Professional Pages

## Mark K Sogge

**Associate Regional  
Executive Pacific  
Southwest Area**Contact Info

### Short Biography

Mark Sogge is Chief of Staff for the Western Regional Director. In this capacity, he provides coordination with Headquarters, Regional, and Area staff. He is also responsible for facilitating data calls, carrying out major policy development, and program integration and coordination activities. Mark also helps coordinate Western Leadership Team policies, activities, meetings, and strategic directions. In addition, he is the primary contact for the Regional Director's budget, and serves on special bureau and interagency teams. In 2009, he served as the first acting Chief of the USGS National Climate Change and Wildlife Science Center. Mark is currently assisting Director McNutt with USGS science activities related to the Gulf oil spill.

### **RESEARCH and LEADERSHIP EXPERIENCE (since 2000)**

**Chief of Staff / Senior Advisor (GS-1301-14)** - USGS Western Regional Office, Seattle WA. 8/08 - current.

**Station Leader / Research Ecologist (GS-14)** - USGS Southwest Biological Science Center, Flagstaff, Arizona. 11/03 - 7/08.

### **Avian Ecology and Riparian Habitats**

Mark's research interests have focused on threatened and endangered birds, ranging from San Miguel Island Song Sparrows to Bald Eagles. Since 1990, his primary research has been on riparian species such as the Southwestern Willow Flycatcher and Yellow-billed Cuckoo. Over the last decade, he has been investigating bird use of saltcedar (tamarisk) - a widespread invasive plant. Since 2008, Mark has shifted primarily into science management and leadership positions, but continues to publish on past research projects.

### **Contact Information**

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**Deputy Regional Director, Western Region (acting) (GS-15)** - USGS Western Regional Office, Seattle, WA 3/08 - 6/08.

**Program Coordinator for Wildlife: Terrestrial and Endangered Resources (acting) (GS-15)** - USGS Biological Resources Division, National Headquarters, Reston, VA. 10/07 - 12/07.

**Deputy Regional Executive for Biology (acting) (GS-15)** - USGS Biological Resources Division, Western Regional Office, Seattle, Washington. 1/06 - 7/06.

**Research Ecologist (GS-13)** - USGS Biological Resources Division, Colorado Plateau Field Station, Northern Arizona University, Flagstaff, Arizona. 2/97 - 11/03.

**Ecologist (GS-12)** - USGS Southwest Biological Science Center, Colorado Plateau Field Station, Northern Arizona University, Flagstaff, Arizona. 2/97 - 12/00.

**Ecologist (GS-9, 11)** - National Biological Service, Colorado Plateau Research Station, Northern Arizona University, Flagstaff, Arizona. 6/92 - 2/97.

**Biological Technician (GS-09)** - National Park Service, Cooperative Park Studies Unit, Northern Arizona University, Flagstaff, Arizona. 7/90 - 6/92.

**Environmental Resource Planner (GS-11)** - U.S. Army Corps of Engineers, Sacramento, California. 2/88 - 7/90.

### **ACADEMIC AFFILIATIONS**

**Adjunct Associate Professor** (non-salaried appointment) - Department of Biology, Northern Arizona University (2005 - present); Center for Environmental Science and Education, Northern Arizona University (2004 - present)

### **EDUCATION**

**Master of Arts - Zoology.** January 1988. University of California, Davis, CA.

**Bachelor of Arts - Biochemistry.** June 1983. San Jose State University, San Jose, CA.

**Associate of Arts - Science and Math.** June 1978. American River College, Sacramento, CA.

### **PRIMARY LITERATURE PUBLICATIONS**

Hatten, J.R., E.H. Paxton, and M.K. Sogge. 2010. Modeling the dynamic habitat and breeding population of Southwestern Willow Flycatcher. *Ecological Modelling* 221:1674-1686.

Paxton, E.H., M.K. Sogge, T.J. Koronkiewicz, M.A. McLeod, and T.C. Theimer. 2010. Geographic variation in the plumage coloration of willow flycatchers *Empidonax traillii*. *Journal of Avian Biology* 41:128-138.

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Sogge, M.K., S.J. Sferra and E.H. Paxton. 2008. Saltcedar as habitat for birds: implications to riparian restoration in the Southwest. *Restoration Ecology* 16:146-154.

van Riper, C. III and M.K. Sogge (eds). 2008. The Colorado Plateau: Integrating research and resources management for effective conservation. University of Arizona Press, Tucson. 393 pages.

Sogge, M.K., T.J. Koronkiewicz, C. van Riper III and S.L. Durst. 2007. Willow Flycatcher Nonbreeding Territory Defense Behavior in Costa Rica. *Condor* 109:475-480.

Koronkiewicz, T.J., M.K. Sogge, C. van Riper III and E.H. Paxton. 2006. Territoriality, Site Fidelity, and Survivorship of Willow Flycatchers Wintering in Costa Rica. *Condor* 108:558-570.

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Felley, D.L. and M.K. Sogge. 2005. Annotated species list of the birds of the Colorado River corridor in the Grand Canyon: 1993 – 1995. Pages 192-219 in C. van Riper III and D. Mattson (eds), *The Colorado Plateau II: Biophysical, Socioeconomic, and Cultural Research*. University of Arizona Press, Tucson, AZ. 448 p.

Holmes, J., J., J. Spence and M.K. Sogge. 2005. Birds of the Colorado River in Grand Canyon: a Synthesis of Status, Trends, and Dam Operation Effects. Pages 123-138 in Glass, S.P., Lovich, J.E. and Melis, T.E. (eds). *The state of the Colorado River Ecosystem*. U.S. Geological Survey Circular 128, 220 p.

Koronkiewicz, T.J., E.H. Paxton and M.K. Sogge. 2005. A technique for aluminum color-bands for avian research. *Journal of Field Ornithology* 76:94-97.

Owen, J.C., M.K. Sogge and M.D. Kern. 2005. Habitat and gender differences in the physiological condition of breeding Southwestern Willow Flycatchers. *Auk* 122 (4):1261-1270.

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van Riper, C. III and M.K. Sogge. 2004. Bald Eagle abundance and relationship to prey base and human activity along the Colorado River in Grand Canyon National Park. Pp. 163 – 185 in C. van Riper III and K. Cole (eds). *The Colorado Plateau: Cultural, Biological and Physical Research*. University of Arizona Press, Tucson.

Drost, C.A., E.H. Paxton, M.K. Sogge and M.J. Whitfield. 2003. Food habits of the Southwestern Willow Flycatcher at the Kern River, California. *Studies in Avian Biology* 26:96-103.

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Hatten, J.R. and M.K. Sogge. 2007. Using a Remote Sensing/GIS Model to Predict Southwestern Willow Flycatcher Breeding Habitat along the Rio Grande, New Mexico. USGS Open-File Report 2007-1207. <http://pubs.usgs.gov/of/2007/1207>.

Durst, S.D., M.K. Sogge, H. English, S.O. Williams, B.E. Kus and S.J. Sferra. 2006. Southwestern Willow Flycatcher breeding site and territory summary – 2005. USGS Southwest Biological Science Center, Colorado Plateau Research Station report to the U.S. Bureau of Reclamation.

Causey, C., S.L. Durst, P.J. Newell, M.G. Pollock, E.H. Paxton and M.K. Sogge. 2005. Survivorship and Movements of Southwestern Willow Flycatchers at Roosevelt Lake, Arizona - 2005. USGS Southwest Biological Science Center, Colorado Plateau Research Station report to the U.S. Bureau of Reclamation, Phoenix.

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Newell, P.J., C. Causey, M. Pollock, E.H. Paxton and M.K. Sogge. 2005. Survivorship and Movements of Southwestern Willow Flycatchers at Roosevelt Lake, Arizona - 2004. USGS Southwest Biological Science Center, Colorado Plateau Research Station report to the U.S. Bureau of Reclamation, Phoenix.

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Sogge, M.K., M.J. Johnson and K. English. 2004. Southwestern Willow Flycatcher and Yellow-billed Cuckoo Surveys on Spur Land and Cattle Company Property, Camp Verde, AZ - 2004. USGS Southwest Biological Science Center, Colorado Plateau Research Station report.

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## My Science Topics

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Plants and Animals	<a href="#">invasive species</a>
Plants and Animals	<a href="#">migratory species</a>
Plants and Animals	<a href="#">seasonal migration</a>
Plants and Animals	<a href="#">wildlife</a>

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