

Southwest Biological Science Center Weekly Highlights January 3, 2006

ArcView Extension for Cohen's Kappa and Classification Table Metrics Published: USGS SBSC wildlife ecologist J. Judson Wynne and U.S. Forest Service Rocky Mountain Research Station wildlife ecologist Jeff Jenness have recently published "Cohen's Kappa and classification table metrics 2.0: an ArcView 3x extension for accuracy assessment of spatially explicit models" as a USGS Open File Report. A user manual to accompany the ArcView 3x extension for accuracy assessing geospatial models may be downloaded via http://sbsc.wr.usgs.gov/files/pdfs/ofr_2005-1363.pdf. (J. Judson Wynne, Flagstaff, AZ, 928.556.7172)

Impacts of Human Disturbance on Caves Presented at the Brunswick-Glynn County Library: USGS SBSC wildlife ecologist J. Judson Wynne gave a presentation on cave fauna of Belize and northern Arizona at the Brunswick-Glynn County Library in Brunswick, GA, 22 December 2005. This was a presentation given to the general public to heighten awareness regarding the sensitivity of bats and caves to human disturbance. (J. Judson Wynne, Flagstaff, AZ, 928.556.7172)

New Guidance for Long-Term Monitoring of Dryland Ecosystems: USGS has released a new Scientific Investigations Report entitled "The Structure and Functioning of Dryland Ecosystems--Conceptual Models to Inform Long-Term Ecological Monitoring." Author, Mark Miller, presents a literature review and a set of diagrammatic conceptual models intended to assist land managers with the identification of environmental attributes that should be monitored to track long-term trends in the "health" or condition of dryland ecosystems. This publication was prepared in cooperation with the National Park Service's Inventory and Monitoring Program and will be of use to organizations or persons involved in the management, conservation, or monitoring of dryland ecosystems in the Colorado Plateau or bordering ecoregions. The report is available online at <http://pubs.usgs.gov/sir/2005/5197/>. (Mark Miller, Kanab, UT, 435.644.4325)