

Curriculum Vitae

Dr. Tom Stohlgren

Educational Background

B.S.	1978	University of California, Berkeley	Forestry
M.A.	1982	California State University, Fresno	Biology
Ph.D.	1990	University of California, Davis	Ecology

Current Position

Research Ecologist (Midcontinent Ecological Science Center, U.S. Geological Survey (20 years in the Dept. of the Interior); Senior Scientist, Natural Resource Ecology Laboratory, Colorado State University (CSU); and Affiliate Faculty, Dept. Forest Sciences and Graduate Degree Program in Ecology (CSU).

Research Interests and Teaching

(1) Assessing landscape-scale and regional effects of land use change on natural ecosystems, and monitoring the effects of multiple stresses on native and exotic plant diversity. (2) Linking information at landscape-, regional-, national-scales. (3) Developing GIS-based, predictive spatial and temporal ecological models to guide management of public lands. (4) Teaching courses in ecology and training graduate students.

Current Research Support

1. \$225,000/yr (1998-2003), Understanding Coupled Climatic, Hydrological and Ecosystem Responses to Global Change in the Colorado Rockies Biogeographic Area: Phase II. Sponsor: USGS [Phase I, \$340,000/yr (7+ years) 1992-1998].
2. \$894,000 over three years, EPA STAR Grant with Tom Hobbs, (and many others at CSU): Sponsor: EPA, 1999-2002.
3. \$153,000/yr (Five-year), Landscape-scale Gap Analysis - A Complementary Geographic Approach to Land Management. Sponsor: USGS, 1994-1999 [\$133,000 in 1998-99].

4. \$200,000/yr (Two-year +), Native and Exotic Plant Diversity and Cryptobiotic Crusts in Grand Staircase-Escalante National Monument, Utah, Sponsor: BLM, 1998-1999+.
5. \$50,000/yr (Five-year), Weeds of the West: Exotic Plant Invasions in the Central Region, Sponsor: USGS, 1998-2003.
6. \$50,000/yr (Two-year), Rocky Mountain/Great Basin Portion of the National Assessment of the Effects of Global Change in the US, Sponsor: US Geological Survey, 1998-1999.
7. \$85,000/yr (Three-year+), Vegetation Indicator for USDA Forest Health Monitoring Program, Sponsor: US Forest Service, 1998-2000+.
8. \$446,000 over four years, Vital Signs/ State of the Parks Report, Sponsor: National Parks Conservation Association, 1999-2003.

Four Selected Publications: (Total Publications: 100+)

Stohlgren, T.J., D. Binkley, G.W. Chong, M.A. Kalkhan, L.D. Schell, K.A. Bull, Y. Otsuki, G. Newman, M. Bashkin, and Y. Son. 1999. Exotic plant species invade hot spots of native plant diversity. *Ecological Monographs* 69: 25-46.

Stohlgren, T.J., L.D. Schell, and B. Vanden Heuvel. 1999. Effects of grazing and soil quality on native and exotic plant species in Rocky Mountain grasslands. *Ecological Applications* 9:45-64.

Stohlgren, T.J., M. Kaye, A.D. McCrumb, Y. Otsuki, B. Pfister, and C. Villa. 1999. Using new video mapping technology in landscape ecology. *BioScience* (In Press).

Stohlgren, T.J. 1999. Endangered Plants. S. Levin (ed). *Encyclopedia of Biodiversity*. Academic Press. (In Press).

Membership in Professional Societies

Ecological Society of America (member since 1984), Public Affairs Committee (1997-Present)

George Wright Society (Member since 1987)

Sigma Xi, the Scientific Research Society (Member since 1991).

Public Service

I'm very active in local schools and youth sports programs. I served as Chair of the Parents Advisory Board at Timnath Elementary School (1993-1995), and Chair of the Scholastic Achievement Team/Site-Based Management Team at Preston Junior High School in Fort Collins (1995-1997). I am currently on the Site-Based Management Team at Fort Collins High School (1997-1999). I have coached youth league baseball in Fort Collins since 1993. I volunteer at several schools for "Read Aloud Day", and Career Day.