

JAKE F. WELTZIN

Executive Director, USA National Phenology Network
National Coordinating Office
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Education

- 1993-1998 Ph.D., Renewable Natural Resource Studies (major) and Global Change (minor), 1998
University of Arizona, Tucson, AZ
Dissertation: Biotic and abiotic constraints on shifts in temperate savanna ecotones
at lower treeline.
- 1988-1990 M.S., Range Science, 1990
Texas A & M University, College Station, TX
Thesis: The potential role of prairie dogs in regulating honey mesquite population
dynamics.
- 1983-1987 B.S., *cum laude*, Range and Forest Management, 1987
Colorado State University, Fort Collins, CO
Honors Thesis: Kaufman ranch plan - a plan for a ranch in northcentral Colorado.
- 1986 University of Aberdeen, Scotland.
Independent Project: Forestry policy in Great Britain - past, present, and a plan for
the future.

Experience

- Executive Director, USA National Phenology Network, National Coordinating Office, Tucson, AZ
85721. 2007-Present.
- Ecologist, US Geological Survey, Reston, VA, 20192. 2007-Present.
- Adjunct Associate Professor. Office of Arid Lands Studies, School of Natural Resources, University
of Arizona, Tucson, AZ, 85721. 2007-Present.
- Program Director. Ecological Biology, Division of Environmental Biology, National Science
Foundation, Arlington, VA, 22230. 2006-2007.
- Associate Professor. Department of Ecology and Evolutionary Biology, University of Tennessee,
Knoxville, TN, 37996. 2005-2007.

Assistant Professor. Department of Ecology and Evolutionary Biology, University of Tennessee, Knoxville, TN, 37996. 1999-2005.

Post-doctoral Research Associate. Department of Biological Sciences, University of Notre Dame, Notre Dame, IN, 46556. 1998-1999.

Graduate Research Assistant. School of Renewable Natural Resources, University of Arizona, Tucson, AZ, 85721. 1993-1998.

Project Manager/Plant Ecologist. Raedeke Associates, Inc., 5711 NE 63rd St., Seattle, WA, 98115. 1990-1993.

Graduate Research Assistant. Department of Range Science, Texas A & M University, College Station, TX, 77843-2616. 1988-1990.

Undergraduate Research. National Science Foundation - Research Experiences for Undergraduates. Supplement to: Southern Turkana Ecosystem Project, Natural Resources Ecology Laboratory, Colorado State University, Fort Collins, CO, 80523-1499. 1987.

Natural Resource Management Consultant. Self-employed. Client: William G. Kaufman, Attorney-at-Law, Glenwood Springs, CO, 81601. 1987.

Forestry Aid/Technician and Squad Boss. U.S. Forest Service, Mt. Hood National Forest, OR. Summers 1983-1986.

Research, Development, and Teaching Grants

Principle Investigator (PI) or Co-PI on XX competitive grants (totaling \$2.9 M) from such agencies as Lockheed Martin Energy Research Corporation, National Park Foundation, National Park Service, National Science Foundation, Sigma Xi, University of Arizona, University of Tennessee, University of Tennessee-Battelle LLC, US Department of Agriculture, and US Department of Energy. List available upon request.

Refereed Publications (authored with graduate* or undergraduate student)**

66 refereed publications (not including book reviews, editorials, or white-papers) including an edited monograph, between 1990-2009, averaging ~6/year over the last decade, in such journals as Biological Invasions, BioScience, Ecology, Ecosystems, Frontiers in Ecology and the Environment, Functional Ecology, Global Change Biology, Global Ecology and Biogeography, Nature, New Phytologist, Oecologia, Oikos, and Plant and Soil. List available upon request.

Invited Presentations

About 20 invited presentations/year from 2008-present on the USA National Phenology Network at academic institutions, state and federal agencies, non-governmental organizations, and naturalist groups. Other invited presentations (averaging ~3/year over the last decade) on a variety of topics at

such venues as National Science Foundation, Peking University, University of Tennessee and other national universities, Oak Ridge National Laboratory, Ecological Society of America Annual Meetings and other scientific meetings, The Teaching Professor Conference, city libraries, and national and international workshops. List available upon request.

Contributed Abstracts

About 20 contributed presentations/year from 2008-present on the USA National Phenology Network at local, state, national and international meetings, conferences and workshops. Other presentations (averaging ~10/year over the last decade) on a variety of topics at venues such as American Geophysical Union Annual Meetings, Ecological Society of America Annual Meetings, EcoSummit, International Union of Biological Sciences Scientific Symposium, and other scientific meetings and national and international workshops. List available upon request.

Professional Memberships

American Geophysical Union, Ecological Society of America, US Regional Association of the International Association for Landscape Ecology