

Education

1. Ph.D. University of Arizona, Department of Soil, Water, Environmental Science, University of Arizona, Tucson, AZ. Attended: Jan. 1998 – Dec. 2001. Major: Soil, Water, and Environmental Science; Minor: Remote Sensing and Spatial Analysis. Doctor of Science Received: December 2001.
2. M.A. University of Maryland. Department of Geography, College Park, MD. Attended: Jan. 1994 – Dec. 1997. Major: Geography (Remote Sensing/Physical Science). Master of Art Received: May 1997.
3. B.S. University of Florida. Department of Geography, University of Florida, Gainesville, FL 1989. Attended: Sept. 1987 – Dec. 1989. Major: Geography (Physical Science); Minor Certificate: Environmental Studies; Gamma Theta Upsilon Honor Society. Bachelor of Science Received: December 1989.

Previous Professional Positions

I previously worked for the USGS from 1986-1991 as a **Hydrological Technician**. I left USGS to work in the Office of Solid Waste, EPA (Region IV) as a **Physical Scientist**, from 1991-1992. I spent the next two years (1992-1994) as a **Cartographer** for DoD, Defense Mapping Agency. In 1994, I worked two full-time positions for three months (June-August) before beginning graduate studies with a research assistantship as a **Physical Scientist** at the USDA- Agricultural Research Service (ARS) in Beltsville, Maryland (June 1994–Dec.1997). Within this period, in 1996, I was granted an NSF Fellowship in Japan and worked for nearly two years at the Remote Sensing Lab of the National Institute of Agro-Environmental Sciences, Japan Ministry of Agriculture, Forestry, and Fisheries. I returned to the U.S. to begin my Ph.D. research at the start of 1998 because I was granted a research assistantship at the University of Arizona. I was employed by the University as a Research Associate and Assistant Research Scientist from 1998 until September 2005 before beginning in my present USGS position. My first journal publication was in 2000. My USGS start date for my current position as a **Research Physical Scientist** was September 18, 2005.

1. **Hydrologic Technician**, GS-1361-05, June 1986 – April 1991
U.S. Geological Survey, WRD, 6481-A Peachtree Ind. Blvd., Doraville, GA 30360
Supervisor: Norman J. Peters, Ph.D.; ne_peters@mac.com
2. **Science and Mapping Technician**, November 1988 - December 1989
KBN Engineering and Applied Sciences; 1034 NW 57th Street, Gainesville, FL 32605
Supervisor: Robert C. McCann, Ph.D.; T.904-331-9000
3. **Intern**, January 1990 - August 1990
The National Geographic Society; Research and Exploration Division
16th and M Streets, NW, Washington, DC 20036
Supervisor: Barry Bishop, Ph.D. (1st American to Summit Everest, deceased)
4. **Physical Scientist**, GS-1301-09, May 1991 - September 1992
U.S. Environmental Protection Agency; Region IV, Office of Solid Waste; 345 Courtland Street, NE, Atlanta, GA 30365
Supervisor: Mrs. Patricia S. Zwaig; T.404-347-2091
5. **Cartographer**, GS-1370-09, September 1992 - August 1994
U.S. Department of Defense, Defense Mapping Agency

Scientific Data, Hydro-Topo Center (HTC); 4600 Sangamore Rd, Bethesda, MD 20816:
Product Generation Department (PGD); 12310 Sunrise Valley Drive, Reston, VA 22090
Supervisors: Mrs. Grant (HTC); T.301-227-3252; Mr. Howard (PGD); T.703-264-7268

6. Graduate Research Assistant, University of Maryland at College Park, Department of Geography, June 1994 - December 1997

U.S. Department of Agriculture, Agriculture Research Service (ARS); Hydrology & Remote Sensing Lab; 5601 Sunnyside Ave; Beltsville, MD 20705-2350
Supervisor: Craig S.T. Daughtry, Ph.D.; T.301-504-5015; cdaughtry@hydrolab.arsusda.gov

7. NSF Fellow, Summer Program in Japan 1996, 1996 - 1997 Intermittently

Japan Ministry of Agriculture, Forestry, and Fisheries; National Institute of Agro-Environmental Sciences; Remote Sensing Lab; 3-1-1 Kannondai, Tsukuba, Ibaraki, 305
Supervisor: Yoshio Inoue, Ph.D.; T.0298-38-8159; yinoue@niaes.affrc.go.jp

8. Graduate Research Associate, Ph.D. research, January 1998 - May 2000

University of Arizona; Soil, Water, and Environmental Science Department; Terrestrial and Biophysics Remote Sensing (TBRS) Lab; Shantz, Bldg. 38, Tucson, AZ 85721
Supervisor: Alfredo R. Huete, Ph.D.; T.520-621-3228; Alfredo.Huete@uts.edu.au

9. Assistant Research Scientist, Post-doctoral research, June 2000 – September 2005

University of Arizona, Soil, Water, and Environmental Science Department (SWES), Environmental Research Lab (ERL), 2601 E. Airport Dr., Tucson, AZ 85706
Supervisor: Edward P. Glenn, Ph.D.; deceased)

10. Physical Scientist (9-Factor), GS-1301-12, September 18, 2005 – February 3, 2008

USGS SBSC Sonoran Desert Research Station, University of Arizona
520 N. Park Ave., Tucson, AZ 85719
Supervisor: Charles van Riper III, Ph.D.; Tel. 520-670-6671x267; charles_van_riper@usgs.gov