

Wilbert I. Odem, Jr., Ph.D., P.E.
Professor, Civil and Environmental Engineering
College of Engineering and Natural Sciences
Northern Arizona University

Education

Ph.D.	Civil Engineering Environmental Engineering Emphasis	University of Arizona
M.S.	Civil Engineering Environmental Engineering Emphasis	University of Arizona
B.A.	Geosciences and Geography	University of Texas

Experience

2002-Present	Professor, Department of Civil and Environmental Engineering, Northern Arizona University
1997-2002	Associate Professor, Department of Civil and Environmental Engineering, Northern Arizona University
1992-1997	Associate Professor, Department of Civil and Environmental Engineering and Construction Management, Northern Arizona University
Summer 1993	Research Fellow, Los Alamos National Laboratory
1991-92	Research Associate, University of Colorado, Boulder, Co.
1988-91	Research Associate, University of Arizona, Tucson, Az.
1987-88	Environmental Engineer, HDR Engineering, Cameron Park, Ca.
1986-87	Environmental Engineer/Hydrogeologist, Radian Corp., Sacramento, Ca.
1984-85	Research Assistant, University of Arizona, Tucson, Az.
1984	Hydrogeological Technician, HydroGeoChem, Tucson, Az

Professional Registration

Professional Civil Engineer: State of Arizona

Publications Sample

Odem, Wilbert I. And Joshua Gilman, 2002. Hydraulic and Hydrologic Relationships in Streams of the Southwest US. Submitted to Journal American Water Resources Association, April 2002.

Odem, Wilbert; S. Blossom, J. Loverich, B.Orchard, N. Wallace, 2001. Evaluation of the BEHI Bank Erosion Prediction Model in the Verde River Watershed and San Pedro River Watershed, Final Report submitted to Arizona Department of Environmental Quality, 172 pp.

Odem, Wilbert; S. Blossom, J. Loverich, B.Orchard, N. Wallace, 2001. Bank Evaluation at ADEQ Biocriteria Reference Sites in the Verde River Watershed and San Pedro River Watershed, Final Report submitted to Arizona Department of Environmental Quality, 77 pp.

Odem, Wilbert; S. Blossom, S. Welch, 2001. Regional Relationships Between Hydrologic and Hydraulic Parameters in the State of Arizona. Final Report submitted to Arizona Department of Environmental Quality, 25 pp.

Odem, Wilbert I., et al, 2000. Evaluating the Bank Erodibility Hazard Index in New Mexico. Report Submitted to New Mexico Environmental Department. 123 pp.

Odem, Wilbert I., et al, 1999. Stream Channel Morphology in New Mexico: Regional Relationships. Report Submitted to U.S. Forest Service Southwest Region and to New Mexico Environmental Department. 227 pp.

Presentations Samples

Odem, Wilbert I.; J. Gilman, S. Welch, 2001. *Hydrologic and Hydraulic Geometry Relationships in Arizona and New Mexico: Regional Curves and What Are They Good For.* Presented at Restoring Streams, Riparian Areas, and Floodplains in the Southwest, a Conference Sponsored by the Institute for Wetland Science and Public Policy and The Association of State Wetland Managers, Albuquerque, NM, 2001.

Hink, Jeff; W. Odem, S. Welch, 2001. *Stream Restoration at Hoxworth Springs, Coconino National Forest: A Demonstration Project.* Presented at Restoring Streams, Riparian Areas, and Floodplains in the Southwest, a Conference Sponsored by the Institute for Wetland Science and Public Policy and The Association of State Wetland Managers, Albuquerque, NM, 2001.

Odem, Wilbert I., 2001. *Geomorphic Analysis of Rivers and Streams: Necessary but not Sufficient.* Presented in Plenary Session at Restoring Streams, Riparian Areas, and Floodplains in the Southwest, a Conference Sponsored by the Institute for Wetland Science and Public Policy and The Association of State Wetland Managers, Albuquerque, NM, 2001.

Awards

Recognition by the Hopi Tribe for Outstanding Contributions to the Hopi Junior/Senior High School Water Improvement Project, 1998.

Dean's Award, NAU College of Engineering and Technology, 1998-1999.

Boeing Outstanding Education Award. Member of NAU College of Engineering and Technology Design4Practice Project Team, 1999.

Professional Organizations

American Society of Civil Engineers
American Water Works Association
Water Environment Federation
Arizona Water Protection Control Association
American Water Resources Association