

Name

Dr. Kevin Urbanczyk, WSB 314, Sul Ross State University, Alpine, TX 79832
432-837-8110, kevinu@sulross.edu

Education

Washington State University
Ph.D. in Geology 1994
Dissertation: "Geology of the Eastern part of the Clarno Formation, Northeast Oregon, USA"

Sul Ross State University
M.S. in Geology 1987
Thesis: "Petrogenesis of the Rawles Formation, Bofecillos Mountains, Texas"

Sul Ross State University
B.S. in Geology; minor in Math 1984

Academic Awards

Quality Enhancement Innovation Award, SRSU QEP, Boquillas canyon mapping project 2009
Certificate of Excellence in Teaching, Washington State University 1991
Charles D. Campbell Endowment Award "Petrology Scholarship" Washington State University 1991

Teaching Experience

Sul Ross State University 2005-present
Professor
Sul Ross State University 1997-2005
Associate Professor
Sul Ross State University 1994-1997
Assistant Professor
Sul Ross State University 1991-1994
lecturer
Washington State University 1989-1991
lecturer
Washington State University 1987-1989
Teaching Assistant

Professional Publications and Presentations**Articles:**

White, John C., Benker, S, Ren, M, Urbanczyk, K, and Corrick, D., 2006, Petrogenesis of peralkaline quartz trachyte, rhyolite, and high-silica rhyolite via fractional crystallization, assimilation, crustal melting, and volatile enrichment and implications for tectonics: the Pine Canyon caldera, Trans-Pecos Texas, USA, *Lithos*.
Urbanczyk, K.M., 2003, Contemporaneous Water Supply in the Northern Chihuahuan Desert, in Garrett, G.P., and Allan N.L., eds., Special Publication of the Museum of Texas Tech University, Number 46, Contributed Papers from a special Session with the Thirty-Third Annual Symposium of the Desert Fishes Council.
White, J.C., and Urbanczyk, K.M., 2001, Geochemical Evolution of the Leyva Canyon

Member of the Rawls Formation, a trachytic shield volcano in Big Bend Ranch State Park, Trans-Pecos Magmatic Province, Texas, JVGR, 111, 155-182.

Urbanczyk, K.M., White, J.C., Rohr, D.R., 2001, Geologic History of West Texas, in Mace, R.E., Mullican, W.F., and Angle, E.S., eds. Aquifers of West Texas, Texas Water Development Board Report 356, pp. 17-25.

Selected Scholarly Presentations:

A Parallelism between The Rio Grande and the Tisza river, presented at the IHLET Lifewater Concept meeting, Debrecen, Hungary, July, 2010

A Transboundary Diagnostic Analysis for the Rio Grande Basin, presented at the USDA-CSREES National Water Conference, 2010

Large Scale Collaborative Projects, The Rio Grande Example, Plenary presentation at the Land Water People Meeting, San Marcos, Texas Nov. 2009

Sustainable Agricultural Water Conservation in the Rio Grande Basin; presented at USDA-CSREES National Water Conference, 2009

SAWC Progress Report, presented to the Rio Grande Basin Initiatives annual meeting, Las Cruces, New Mexico, July, 2008

Rio Grande Biophysical Assessment; and *Aquifer Characterization in the Sunny Glen Area near Alpine, Texas*, both presented at the USDA-CSREES National Water Conference in Reno, NV, spring, 2008

Texas PreFreshman Engineering Collaboration Project, USDA Project Directors meeting, Washington, D.C., Fall 2007

SAWC Project Overview; and *Groundwater and Aquifer Characterization, Trans Pecos Texas*, presented to the combined Rio Grande Basin Initiatives meeting in South Padre Island, Texas, spring 2007

The Mighty Rio Grande, presentation made to the SAWC United Nations Global Environment fund planning meeting in Juarez, Mexico, Fall 2006

Selected Published Abstracts (“*” marks those I presented at professional meetings):

Brown, Amy and Urbanczyk, Kevin, A Geochemical Study of the Igneous Aquifers of West Texas, Geological Society of America, North Central-South Central sectional meeting, 2010

*Urbanczyk, Kevin, and Bennett, Jeffery, 2010, “Adopt a sandbar” – A student project to monitor changes in channel morphology in Boquillas Canyon, Big Bend National Park, Texas, Geological Society of America, North Central-South Central sectional meeting, 2010

*Urbanczyk, Kevin, Bennett, Jeffery, Brauch, Billie, Dyess, Jonathan, and Schwartz, Benjamin, 2009, Structural Geologic Features Of The Lower Canyons, Rio Grande Wild And Scenic River, Texas, Geological Society of America, 2009 Annual meeting

*Bennett, Jefferey, Urbanczyk, Kevin, Brauch, Billie, Schwartz, Benjamin, and Shanks, W.C. Pat, 2009, The Influence Of Springs On Discharge And River Water Chemistry In The Lower Canyons, Rio Grande Wild And Scenic River, Texas, Geological Society of America, 2009 Annual meeting

- *Shiller, Thomas, Urbanczyk, Kevin, and Beall, Adelina, 2009, Introducing Water Science To Middle School Students Through The Texas Prefreshman Engineering Program (TexPREP), Geological Society of America, 2009 Annual meeting
- Dyess, Jonathan and Urbanczyk, Kevin, 2009, Field Mapping & Regional Remote Sensing Analysis Of Structures In The Buck Hill Volcanic Group, Trans-Pecos Texas (Brewster County), Geological Society of America, 2009 Annual meeting
- *Corrick, D., and Urbanczyk, K., 2007, Pine Canyon Caldera Complex, Big Bend National Park, Geological Society of America, 2007 Annual meeting, Abstracts with Programs, Vol. 39. No. 6, pp. 635
- Culver, W., Maxson, H., Brauch, B., and Urbanczyk, K., 2005, Stratigraphic relations in the Chisos Group in the Hayes Ridge area of Big Bend National Park, Texas, USA; Geological Society of America, 2004 Annual meeting, Abstracts with Programs, Vol. 37, Issue 3, pp. 127.
- Corrick, D., Urbanczyk, K., Brauch, B., White, J., and Benker, C., 2004, The geology of the Pine Canyon caldera system, Big Bend National Park, Texas; Geological Society of America, 2004 Annual meeting, Abstracts with Programs, Vol. 36, Issue 5, pp. 127.
- Trevizo, L., and Urbanczyk, K.M., Impacts of hot spring discharge on the Rio Grande in Big Bend National Park, Geological Society of America, Abstracts with Programs, 2002 GSA Annual Meeting.
- *Urbanczyk, Kevin, and White, John C., 2002, Spatial Variations in water Chemistry at Selected Springs in Big Bend National Park, Geological Society of America, Abstracts with Programs, South Central Section, 36th annual meeting.
- *Puckett-Palczynsky, Cheryl, and Urbanczyk, Kevin, 2002, Stratigraphic analysis of the water-bearing units of the sunny Glen drainage basin near Alpine, Texas, Geological Society of America, Abstracts with Programs, Vol. 34, Number 3.
- Zak, John, Hernandez, Cecilia, Sobek, Edward, Urbanczyk, Kevin, Bickle, Michael, and Grizzle, Heath, 2002, The Pine Canyon Watershed Program: Understanding Global Change Impacts on Soil Microbial Dynamics, Geological Society of America, Abstracts with Programs, Vol. 34, Number 3.
- *Urbanczyk, Kevin M., and White, J.C., 2000, Identifying Controls on Groundwater Chemistry in Arid, Tertiary Volcanic Terranes, Big Bend National Park and Big Bend Ranch State Park, Texas, Geological Society of America, Abstracts with Programs, Vol. 32, Number 7.
- *Urbanczyk, Kevin M., 1997, Rapid recharge to an alluvial aquifer, Big Bend National Park, Texas, U.S.A., Geological Society of America, Abstracts with Programs, Vol. 29, Number 6.