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## CURRENT POSITION

- Assistant Professor of Geography, Angelo State University, San Angelo, Texas. **2023-Present.**
- HAZUS GIS specialist (on-call, part-time): Witt O'Brien's, Houston, Texas. **2021-Present.**

## PREVIOUS POSITIONS

- Visiting Assistant Professor of Geography, Angelo State University, San Angelo, Texas. **2022-2023.**
- Associate Professor of Geography & GIS, King Fahd Security College, Riyadh, Saudi Arabia. **2017-2021.**
- Preceptor in Geospatial Analysis, *Harvard University*, Cambridge, MA. **2015-2016.**
- Associate Professor of Geography: Dept. of History, Politics, and Geography, *Ohio Northern University*, Ada, Ohio. **1998-2015.**
- Assistant Professor of Geography, *Cedarville College*, Cedarville, Ohio. **1997.**
- Project Manager: Monitoring CIS Environmental Developments, *Monterey Institute of International Studies*, Monterey, California. **1995-1996.**
- Post-Doctoral Fellow: Environmental & Societal Impacts Group, *National Center for Atmospheric Research* (NCAR) Boulder, Colorado. **1992-1994.**

EDUCATION	University of Chicago	Ph.D.	Geography	(Water policy Central Asia)
	University of Chicago	M.A.	Geography	(USSR/China border issues)
	Kent State University, Ohio	B.A.	Russian and Soviet Area Studies	

- Tashkent State University: Uzbekistan, Water Policy research **1988-89**
- Indiana University: Bloomington. Completed Beginning and Advanced Uzbek Language **1986-87**
- Defense Language Institute, CA. Beginning and Advanced *Russian* Language Program **1977-78**

## CONSULTING WORK

- Contributor, *Encyclopedia Britannica*, <https://www.britannica.com/contributor/David-Roger-Smith/4004>
- Independent Contractor, *Russian* and *Uzbek* language translation, Federal Broadcast Information Service (FBIS), Joint Publications Research Service (JPRS) **1992-1997**
- *Russian* and *Uzbek* translation work (see <http://www.proz.com>) **1990-Present**
- Comparative Analysis of Water Pricing Policies and Water Allocation Measurement Techniques in the Central Asian Republics, report prepared for Central Asian Mission, Environmental Policy and Technology Project, USAID, related to visit and travel throughout Central Asia. **1996**

## RECOGNITION and AWARDS

- Research in Russian Federation – Caucasus/North Ossetia, December **2011.**
- Research in Republic of Tajikistan on Water Management issues, December **2010.**
- International Research and Exchanges Board (IREX) grant, *US Embassy Policy Specialist* (Tajikistan) grant, Summer **2010**, research on water and conflict in the Republic of Tajikistan.
- Invitation to be included in Who's Who in America (61st) Edition **2007.**
- Robeson (Endowed) Chair in Government, Ohio Northern University, **2005-2006.**
- Nominated for Teaching Award, Ohio Northern University, **2002.**
- Awarded Collaborative Research in Sectoral Policy (CRSP) grant from the *US National Academy of Sciences* to travel to Tashkent, Uzbekistan research on policy aspects of regional climate change (April 10- April 24, **1995**).
- Selected as participant in National Academy of Sciences (NAS) Young Investigator Program (YIP) 1994-1995, entitled "Water Resources Management Program with Turkmenistan and Uzbekistan," awarded a travel/research grant for three months travel Central Asia (August/September **1994**).
- Won **1990** Graduate Student Research Award from the Soviet and East European Specialty Group, AAG, for dissertation proposal: "Regional Water Projects and National Development Priorities in the USSR."

- Received Fulbright / International Research and Exchanges Board Fellowship Grant for dissertation research in Tashkent, Uzbekistan to research water resource and land management issues in the Central Asian republics of the former Soviet Union. (September 1988-May **1989**).
- Awarded Council on Institutional Cooperation (CIC) Language Scholarship for beginning and advanced Uzbek language study at Indiana University, Bloomington, Indiana (June 1987-June **1988**).

## SELECTED PUBLICATIONS

1. *GIS and Security Applications*. Book under contract with CRC Press (Taylor & Francis), **2024**.
2. *Multiple Hazards Mapping in Mountainous Environments using a Geographic Information System*. Earth Science and Engineering (peer-reviewed journal, forthcoming **2017**).
3. *Foreign Policy of Iran*, in Korea and Eurasia, ed. Younkyoo Kim, Ph.D., **2008**.
4. Contributor, Encyclopedia of China. *Geography and Environment: Aquatic, Forest, and Land Resources* entries, Berkshire Publishing, **2008**.
5. *Iran, the United States, and Democracy in the Middle East*. Ohio Northern Magazine and Alumnae Journal 66(1): 18-21; Spring **2006**.
6. *The Digital Divide and Geographic Information Systems: The availability and accessibility of GIS technology to the Global Community*. World Forum Proceedings of the International Research Foundation for Development, Trans-Global Press, 4(1): 1-4: Jan **2006**.
7. *Developing Geographical Indicators of Potential Water Conflict Related to Global Urbanization*. World Forum Proceedings (WFP) of the International Research Foundation for Development, Trans-Global Press 1(1), 1-4: January **2003**.
8. Contributor, Encyclopedia of Modern Asia. edited by D. Levinson, NY: Scribner's, Nov. **2002**.  
<http://www.berkshirepublishing.com/brw/product.asp?ProjID=5>
9. *Water and Cities in Arid Central Asia*. Arid Lands Newsletter Issue No. 45: Water in Cities, Arid Lands Information Center (ALIC), Office of Arid Lands Studies, University of Arizona, **1999**.  
<http://ag.arizona.edu/OALS/ALN/aln45/aln45toc.html>
10. *Kazakhstan, Kyrgyzstan, Uzbekistan, Turkmenistan, Tajikistan*. The Columbia Gazetteer of the World (3 vol.), Saul Bernard Cohen (Editor), Columbia University Press, June **1998**.
11. *Environmental Security and Shared Water Resources in Post-Soviet Central Asia*. Post-Soviet Geography 36,6 (June **1995**), pp. 351-370.
12. *Kazakhstan*. Environmental Constraints and Resources in the Former Soviet Republics. Boulder, CO: Westview Press (Chapter 16, **1995**), pp. 251-274.
13. *Climate Change, Climate Variability, and Conflict in the Aral Sea Basin*. CIS Environmental Watch 6 (Spring **1994**), pp. 56-63.
14. *Change and Variability in Climate and Ecosystem Decline in Aral Sea Basin Deltas*. Post-Soviet Geography 35, 3 (March **1994**), pp. 142-165.
15. *Central Asia*. Encyclopaedia Britannica 15 (Macropaedia **1993**), pp. 701-707.
16. *Culture and Water*. Cultural Survival Quarterly 16, 1: pp. 49-52. Reprinted in Surviving Together: A Journal on Relations with the Former Soviet Union and Baltic States Institute for Soviet-American Relations (ISAR), (Summer **1992**), pp. 42-43.
17. *Salinization in Uzbekistan*. Post-Soviet Geography 33, 1 (Jan. **1992**), pp. 21-33.
18. *Growing Pollution and Health Concerns in the Lower Amu Darya Basin, Uzbekistan*. Soviet Geography 32, 8 (October **1991**), pp. 553-565.
19. *A Review of Three Editions of Atlas SSSR*. Soviet Geography 27, 7 (Sept. **1986**), pp. 496-9.

## PRESENTATIONS

- Phi Beta Delta Honorary International Forum presentation, *Crises in the Middle East: A Panel Discussion*. Ohio Northern University, Dicke Forum, October 1, **2013**. [http://www.onu.edu/lectures\\_and\\_panels/52753](http://www.onu.edu/lectures_and_panels/52753)
- Paper Presentation: *Opportunities and Constraints in Russian Environmental Policy towards the Central Asian States*, at The Russian Presidential Academy of National Economy and Public Administration (RANEPA), School of Public Policy. "New Directions in Russian Public Policy: A Forum on Russia's Future." Moscow, Russian Federation. September 25, **2013**.

- Phi Beta Delta Honorary International Forum presentation, *War and Counter-Terrorism in the Caucasus*. Ohio Northern University, Dicke Forum, Thursday, March 15, **2012**. <http://www.onu.edu/node/40886>
- Social Studies Colloquium: *Water and Conflict in Central Asia*. Ohio Northern University, January 12, **2011**.
- Paper presentation: *Multiple Hazards Mapping in Mountainous Environments using a Geographic Information System*. "International Conference on Climate Changes and Natural Hazards in Mountain Areas (Mountain Hazards 2011)." Dushanbe, Tajikistan September 19-21, **2011**.
- Phi Beta Delta Honorary International Forum presentation, *Water Management Problems in Tajikistan and Central Asia*, Ohio Northern University, October **2010**.
- Phi Beta Delta Honorary International Forum presentation, *Water War in Central Asia? Implications for Regional and US Foreign Policy*. September **2010**.
- *Water Management Problems in Tajikistan*, presentation to Tajik students in Dushanbe, Tajikistan, **2010**.
- Presentation on the *Geography of South Africa*, to members of Department of Education, ONU, Emerging Democracy of South Africa. Spring **2010**.
- Northwest Ohio International Affairs Consortium Conference, Tiffin University, Ohio. *The Changing Face of Iran: Problems and Dilemmas for American National Security Interests*. March **2010**.
- Conference on Global Climate Change, Ohio Northern University, *Drought, Deluge, and Dearth: Climate Change and Political Conflict*, April **2009**.
- Climate change forum hosted by the League of Women Voters of Lima, Ohio. Presentation: *Climate Change in the Aral Sea Basin*. April **2009**.
- The 16th International Conference on Central Asia and the Caucasus held in Tehran, Iran. Convention is subtitled "Confrontation in the Caucasus: Roots, Dimensions, and Applications." *The Russian Federation and the Republic of Georgia: a Geographic Perspective on the Conflict*. By invitation of Iranian Deputy Foreign Affairs Minister, October **2008**.
- Phi Beta Delta International Forum, "The Crisis between Georgia and Russia in the Caucasus and its Ramifications for the US, EU, UN and immediate neighbors of Russia." panel participant. **2008**.
- Association of American Geographers Annual Meeting, Boston, MA. Panel Chair, paper presentation *North and South Korea: Geographic Opportunities and Constraints to Re-unification*. April **2008**.
- *Iran and the West from Tehran's Perspective*, presentation at Conference on Iran, Marion College, Indianapolis, Indiana, sponsored by the Indiana Consortium for International Programs (ICIP); <http://www.uindy.edu/~icip> October 28, **2006**.
- Presentation on *Iran* to ONU Alumnae, The Joseph Group - Capital Management, 300 Marconi Boulevard Suite 106 - Columbus, Ohio, Saturday, April 22, **2006**.
- *Environmental Security and Shared Water Resources in Central Asia and the Caspian Basin*, paper presentation at "13th International Conference on Central Asia and the Caucasus: Regional Developments: Interaction & Encounter of Strategies," sponsored by Institute for Political and International Studies, Ministry of Foreign Affairs, Islamic Republic of Iran, Tehran, 7-8 Nov. **2005**.
- *The Digital Divide and Geographic Information Systems: the availability and accessibility of GIS technology to the Global Community*, presentation for the International Research Foundation for Development (IRFD), at the United Nations World Summit on the Information Society (WSIS), Tunis, Tunisia, 14-19 Nov. **2005**.
- *The Logic of Trans-Iranian Pipeline Development for Central Asian Oil and Gas: A Geographic Perspective*, paper presented at the "12th International Conference on Central Asia and the Caucasus: Looking into the Future of Energy Systems," sponsored by the Institute for Political and International Studies (IPIS), Ministry of Foreign Affairs, Islamic Republic of Iran, Tehran, 12-13 Oct. **2004**.
- *Central Asia and the Persian Gulf: Shifting Geographic Perspectives*, paper presentation at the "12<sup>th</sup> International Seminar on the Persian Gulf," sponsored by the Ministry of Foreign Affairs, Islamic Rep. of Iran, Tehran, 5-6 March **2002**.
- *Developing Geographical Indicators of Potential Water Conflict in the Caspian Basin and Central Asia*, paper presentation at the "9th International Seminar on Central Asia and the Caucasus: Prospects and Challenges," sponsored by the Ministry of Foreign Affairs, Islamic Rep. of Iran, Tehran, 22 -23 Dec. **2001**.
- *Developing Geographical Indicators of Potential Water Conflict Related to Global Urbanization*, paper presentation for the International Research Foundation for Development (IRFD), at international conference on "Urbanizing World and Human Habitat II," a Parallel Event (Session 13) at the Special Session of the UN General Assembly on Istanbul +5 - UN Commission on Human Settlements (UNCHS), sponsored by The Center for Urban Research and Policy (CURP), Columbia University, New York, June 4-6, **2001**.

- *The Information Technology Gap and the Geography of Global Urbanization*, paper presentation at the Second Preparatory meeting of the Special Session of the UN General Assembly on Istanbul +5, UN Commission on Human Settlements (UNCHS), Nairobi, Kenya, **2001**.
- *Conflicting Water and Social Development Issues in the western United States and in Central Asia*, paper presentation for the International Research Foundation for Development (IRFD), at the Special Session of the General Assembly of the United Nations, Geneva 2000: World Forum on Social Development, Geneva, Switzerland, June **2000**.
- *Human Welfare and Water Use in Developed and Developing Countries*, paper presentation for the International Research Foundation for Development (IRFD), at the Second Preparatory meeting of the Special Session of the General Assembly of the United Nations, World Forum on Social Development, New York City, April, **2000**.
- Water Quality Management Working Meeting, sponsored by the U.S. Agency for International Development in Bukhoro, Uzbekistan. Presented paper: "*Water Pollution Impacts on Health and the Environment*." April 15-18, **1996**.
- Economic Growth and Environmental Quality in Asia, sponsored by the Rene Dubos Center for Human Environments, Inc., N.Y. May 23-25, **1995**.
- Planning on Sustainable Development in Russia: Using Environment and Health Databanks, sponsored by Legacy International, the Center for Post-Soviet Studies at Georgetown University, and the Center for Environmental Policy in Moscow, Russia, Washington, D.C. May 7-9, **1995**.
- International Conference on Agricultural Problems in Central Asia, Tashkent, Uzbekistan, sponsored by the East-West Center at Duke University, and The University of World Economy and Diplomacy. May **1993**.

## OVERSEAS TEACHING

Hanyang University, Seoul, South Korea. "Model United Nations" class, **2007, 2008, 2009**.  
King Fahd Security College, Riyadh, Saudi Arabia. "GIS" class, **2018-Present**.

## ACTIVITIES

- Panel reviewer, IREX Short-term travel grant (STG) program, **2012**.
- President, Gamma Theta Upsilon Geography Honorary, Ohio Northern University.
- Member, University Council, Ohio Northern University, **2009-2012**.
- Director, Asian Studies program Ohio Northern University
- Consultant/Advisor, American University in Moscow (Russia), **2002-Present**.
- Member: Non-Governmental Organization, International Research Foundation for Development (IRFD) & member of its Governing Council (**2000-3**); <http://www.irfd.org>
- Ohio Northern University Representative to Indiana Consortium for International Programs (ICIP.org)
- Participant on study tour of the Central European countries of Poland, the Czech Republic, and Hungary, World Affairs Council of Greater Cincinnati, June **2000**.
- Editorial Board Member of the new Columbia Gazetteer of the World (**1998**). Editor of Central Asian states entries: Kazakhstan, Kyrgyzstan, Tajikistan, and Uzbekistan.
- Journal editor, CIS Environmental Developments, Monterey Institute for International Studies, Center for Russian Studies, Monterey, CA **1997**.
- Panel Reviewer for COBASE Project Development Applications, Office of International Affairs, U.S. National Academy of Sciences and National Research Council.
- Grant Reviewer for Peace and International Security Program, MacArthur Foundation.

## INTERVIEWS

- Interview on Iran: The Todd Feinburg Show; <http://www.toddtalk.com>, April 29, **2006**.
- Interview on Iran: "The Big Show" with Michael Patrick Shields, WJIM 1240 radio Lansing Michigan, 8:20 am EDT, Michigan Talk Network, 248-866-4965, 888-900-9966, Thursday, April 27, **2006**.  
<http://www.wjimam.com/skin/feature.php?sectionId=180>
- Interview on Iraq invasion, Thursday March **2003** PBS, Bowling Green, Ohio.
- WLIO-TV channel 9, Lima, OH: TV interview on Iran and Tunisia.
- Interviews on Regional Climate Changes in the Central Asian republics, National Public Radio.

- Press Releases by National Science Foundation, American Meteorological Society, American Geophysical Union **1998**.

#### **FOREIGN TRAVEL / LIVING EXPERIENCE**

- Long-term living experience in: Germany, Republic of Uzbekistan, Republic of Tajikistan, Russian Federation, Republic of Korea (South), Saudi Arabia.
- Travel/work experience in Germany, Austria, Italy, France, United Kingdom, Monaco, Poland, Czech Republic, Slovakia, Hungary, Kazakhstan, Kyrgyzstan, Uzbekistan, Tajikistan, Turkmenistan, Afghanistan, Kenya, Tunisia, North Korea, Saudi Arabia.

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**MEMBERSHIPS:** Association of American Geographers (AAG)  
American Geographical Society

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