

DANIEL Z. SUI

Professor of Geography and
Distinguished Professor of Social & Behavioral Sciences
The Ohio State University
E-mail: sui.10@osu.edu

Professional Preparation

Ph.D. 1993 Department of Geography, The University of Georgia, Athens, GA
Master of Science 1989 Institute of Remote Sensing, Peking University, Beijing, P.R. China
Bachelor of Science 1986 Department of Geography, Peking University

Appointments

2009– Professor & Director, CURA, Department of Geography, The Ohio State University
2002–2009 Professor, Department of Geography, Texas A&M University
2001–2009 Reta A. Haynes endowed chair in geosciences, Texas A&M University
1997–2001 Associate Professor, Department of Geography, Texas A&M University
1993–1997 Assistant Professor, Department of Geography, Texas A&M University
2005–2009 Adjunct Professor, Epidemiology and Biostatistics, Texas A&M Health Science Center

Publications*(i) Five publications most closely related to the proposed project*

Elwood, S.E., Goodchild, M.F., and D.Z. Sui, 2010. Researching the geocrowd: Volunteered geographic information and geographic research. *Annals of the AAG* (under revision).
Sui, D.Z., 2009. Twitter's new twist on geography. *GeoWorld*, Sept. Issue, 18–20.
Sui, D.Z., 2008. The wikification of GIS and its consequences: Or Angelina Jolie's new tattoo and the future of GIS. *Computers, Environment, and Urban Systems*, 32(1): 1–5.
Sui, D.Z., 2008. Wiki cartography and the visualization of the natural environment. In G. Harvey (ed.), *GIS Innovations 13*. London: Taylor & Francis, pp. 269–286.
Sui, D.Z. (ed.), 2008. *Geospatial Technologies and Homeland Security: Research frontiers and challenges*. Dordrecht, The Netherlands: Springer.

(ii) Five other significant publications

Sui, D.Z., 2010. On Darwin, biology, and geography. *Environment and Planning A* 42 (8): 1775–1781.
Sui, D.Z., 2010. Rethinking progress in urban modeling: Models, metaphors, and meaning. In X. Yang (ed.), *Urban Remote Sensing: Monitoring, synthesis, and modeling in the urban environment*. New York: John Wiley & Sons (in press).
Tu, W. and D.Z. Sui, 2010. A state transformed by information? Texas regional economy in the 1990s. *Regional Studies* (accepted, in press).
Xu, Z.W. and D.Z. Sui, 2009. The effect of small-world networks on epidemic diffusion. *Geographical Analysis* 41(3): 263–282.
Sui, D.Z. and M. Ball (eds.), 2006. *Geospatial Matters: Exploring the implications of a digital earth*. San Francisco, CA: GeoTec Media.

Synergistic Activities

At the international level: Visiting senior research scientist at the *United Nations Food and Agricultural Organization (FAO)*, served as the chief consultant for the global poverty and hunger

mapping project and has written two FAO monographs to guide its scientific and policy activities; Consultant for *the United Nations Development Program (UNDP)*, involved in the Ecological Planning Project for Western Chinese Cities; Consultant for *the United Nations Environmental Program (UNEP)*, involved in the Chemical Hazard Prevent Project; *United Nations University (UNU)*, involved in the IT and the Environment project; Consultant for the World Bank, involved in the Urban Infrastructure Development and Evaluation project.

At the U.S. national level: *National Academies of Science*—served on national mapping science committee, the panel to review the GIS Operations within the U.S. Department of Housing and Urban Development (HUD); served on the committee to review the tri-academy project on Land Use/Land Cover Change; *National Science Foundation*, served on the senior review panel for the Geography and Regional Science (GRS) Program, Technology for Sustainable Environment (TSE) Program, IGERT Program; *The U.S. Environment Protection Agency (EPA)*, served as advisor to the Science to Achieve Results (STAR) program; *The U.S. Army Corps of Engineers (ACOE)*, served as a consultant for GIS-based Floodplain Mapping project. *National Center for Geographic Information and Analysis (NCGIA)*, served as a consultant for the Advancing GIScience project.

At the local level: worked with local government agencies in Houston/Galveston area, Austin, Dallas/Forth Worth, and College Station on various projects related urban sprawl characterization, transportation planning, traffic crash analysis, telecommuting impacts, smart growth program, residential segregation, environmental equity analysis, and crime mapping.