

Zhenghong Tang

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Professional Preparation

<i>Institution</i>	<i>Major</i>	<i>Degree</i>	<i>Year</i>
Texas A&M University	Urban & Regional Sci.	Ph.D.	2007
Huazhong Agricultural U.	Soil Science	M.S.	2000
Hunan Normal University	Land Management	B.S.	1997

Appointments

<i>Year</i>	<i>Position and Institution</i>
2008-present	Assistant Professor, University of Nebraska-Lincoln
2003-2007	Graduate Research Assistant, Texas A&M University
2002-2003	Graduate Research Assistant, University of California-Riverside
1998-2002	Graduate Research Assistant, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Science

Research Interests

- Environmental planning; environmental impact assessment; community planning
- GIS spatial analysis and environmental modeling

Most Recent Peer-Reviewed Journal Publications

- Tang, Z.**, 2010, Measuring Local Climate Change Response Capacity and Bridging Gaps between Local Action Plans and Land Use Plans, *International Journal of Climate Change Strategies and Management* (In press)
- Tang, Z.**, M. E. Burbach, T. Wei., 2010, Bridging the Gap Between Environmental Planning Education and Practice, *International Journal of Sustainable Development & Planning*, (in press)
- Tang, Z.**, 2010, Assessing Sustainable Development Gaps between the State and Local Jurisdictions, *Journal of Environmental Assessment Policy and Management*, 12(3): 263–289.
- Tang, Z.**, 2010, Building Climate-Resilient Cities: Examining Climate Change Actions and Hazard Vulnerability in U.S. Coast, *Journal of US-China Public Administration*, 7(8): 25-29.
- Tang, Z.**, Brody, S.D., Quinn, C., Chang, L., Wei, T., 2010, Moving from Agenda to Action: Evaluating Local Climate Change Action Plans, *Journal of Environmental Planning and Management* 53(1): 43-62.
- Chang, L., **Tang, Z.**, 2010, Using Remote Sensing Technology to Assess Land-Use Changes after the Northridge Earthquake, *Disaster Advances*, 3(1): 5-10.
- Tang, Z.**, Hussey, C.M., Wei, T., 2009, Assessing local land use planning's awareness, analysis, and actions for climate change, *International Journal of Climate Change Strategies and Management* 1(4): 368-381.
- Tang, Z.**, 2009, How are California local jurisdictions incorporating a strategic environmental assessment in local comprehensive land use plans? *Local Environment: The International Journal of Justice and Sustainability*, 14(4): 313-328.
- Tang, Z.**, Brody, S. D., 2009, Link planning theories with factors influencing local environmental plan quality, *Environment and Planning B: Planning and Design*, 36: 522 -537.
- Tang, Z.**, Bright, E., Brody, S. D., 2009, Evaluating California local land use plans' environmental impact reports, *Environmental Impact Assessment Review*, 29: 96–106.

- Tang, Z.**, 2008, Integrating the principles of strategic environmental assessment into local comprehensive land use planning, *Journal of Environmental Assessment Policy and Management*, 10(2): 143 – 171.
- Tang, Z.**, 2008, Evaluating the capacities of local jurisdictions' coastal zone land use planning in California, *Ocean and Coastal Management*, 51(7): 544–555.
- Tang, Z.**, Lindell, M., Prater, C., Brody, S. D., 2008, Measuring tsunami hazard planning capacity on the U.S. Pacific coast, *Natural Hazards Review*, 9(2): 91-100.
- Brody, S. D., Grover, H., Bernhardt, S., **Tang, Z.**, Whitaker, B., Spencer, C., 2006, Identifying potential conflict associated with oil and gas exploration in Texas state coastal waters: A multicriteria spatial analysis. *Environmental Management*, 38:597–617.

Funded Research Grant

2010, **PI**, (\$155,000), Developing LiDAR-Derived Wetland Maps To Assess Conservation Design Practices For Playa Wetlands In Rainwater Basin, U.S. EPA

Books and Book Chapters

- Svoboda, M., **Tang, Z.**, 2010, Book Chapter: Developing a Drought Planning Evaluation System in the United States, As a book chapter in the book of 'Environmental Planning' by NOVA Science Publisher, Hauppauge, NY, U.S. (in press)
- Tang, Z.**, 2010, (As the editor) Book: Eco-City and Green Community: The Evolution of Planning Theory and Practice, NOVA Science Publisher, Hauppauge, NY, U.S. (In press)
- Tang, Z.**, 2008, Book: Integrate strategic environmental assessment in local land use planning: Thinking globally, acting locally, VDM Publisher
- Tang, Z.**, 2009, Book Chapter: Incorporating environmental hazards mitigation into local land use planning, As a book chapter in the book of Handbook on Environmental Quality, NOVA publisher (in press)
- Tang, Z.**, Hussey, C., 2009, Book Chapter: Stakeholder assessment in environmental policy analysis, As a book chapter in the book of Handbook on Environmental Policy, NOVA publisher (in press)
- Tang, Z.**, (As an Editorial Committee), 2001, Eco-agricultural development: Theory and practice. Meteorology Press of China, September, 2001.

Synergistic Activities

1. I teach graduate and undergraduate courses in environmental planning and policy; GIS applications in environmental design; environmental impact assessment; planning theory.
2. I am serving as a courtesy assistant professor in the School of Natural Resources, a faculty fellow in the Water Center and the Center for Advanced Land Management Information Technologies at University of Nebraska-Lincoln. I am also a research fellow in the Hazard Reduction and Recovery Center at Texas A&M University.
3. I have served as a reviewer for the following journals and federal agencies: U.S. National Oceanic and Atmospheric Administration (NOAA); U.S. National Estuarine Research Reserve System (NERRS); U.S. Department of State; Journal of Environmental Management; Local Environmental; International Journal of Environmental Pollution; Population and Environment; Environmental Management; Environmental Monitoring and Assessment Journal; Journal of Environmental Planning and Management; Sustainability Journal; Journal of Planning Education and Research; Journal of Planning Literature