
Xueqin (Elaine) He, Ph.D.

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Teaching Interests

Earth Science, World Geography, Human Geography, Cultural Geography, Economic Geography, Environmental Geography, Hazards, Research Method, Data Analysis, etc.

Research Interests

Human-environmental interactions, weather-related disasters, environmental perception, risk communication and emergency response, spatial analysis of human geographic phenomena, global/social inequality and change, immigration

Education

Ph.D., Environmental Geography, 2009. Texas State University. Dissertation: Residential Satisfaction with Home Location: Examination of the Relationship between Location-embedded Benefits and Risk Perception. (Advisor: Dr. John P. Tiefenbacher)

M.S., Environmental Sciences, 2001. South China Sea Institute of Oceanology (SCSIO), Chinese Academy of Sciences (CAS). Guangzhou, P.R. China. Thesis: The Effects of Flakt-Hydro Flue Gas De-Sulfurization on Ocean Environment. (Advisor: Professor: Weiying Wen and Xiaoping Huang)

B.S., Geography Education, 1998. Northwest Normal University (NWNNU). Lanzhou. P. R. China. Project: The Ecological System of Fresh Water in China and Sustained Development.

Teaching Experiences

- Lecture of *Geography*, fall 2011, AP Program at Guangzhou Xiangjiang High School.
- Lecture of *World Regional Geography*, fall, 2010, EBUS program at Coastline Community College.
- Lecture of *Data Analysis*, spring 2010, Program of International Study at Concordia University Irvine.
- Instructor of Record full teaching responsibility of *World Regional Geography*, fall 2006, Department of Geography at Texas State.
- Lab Instructor of *Applied Cartography*, *Computer Cartography*, and *Web Mapping*, spring 2005, 2006, and 2007, Department of Geography at Texas State.
- Lecturer of *Environmental Sciences*, fall 2002, College of Oceanography, Tianjin University of Science & Technology.

Research Experiences

- Visiting scholar at Concordia University Irvine. Job duties include supervising students' thesis research. Fall 2009 to present.
- Research Associate in Program in Public Health at University of California Irvine. Supervisor: Dr. Jun Wu.
- Worked with Dr. Yongxia Xia for her research project: Blanco River Watershed Land Use Change and Its Impact Decision Support System. Fall 2007, in River Systems Institute at Texas State.
- Worked with Dr. John Tiefenbacher, Dr. Alberto Giordano, Dr. Ron Hagelman, Dr. Yongmei Lu, Dr. Sven Fuhrmann, and Dr. Sharolyn Anderson for their academic researches from 2003 to 2007 in the Department of Geography at Texas State.
- Participated in Ecological and Environmental Investigation of the Bohai Sea, China, 2001- 2003. Responsibilities include sample analysis (classification, quantitative measurement, monitor growth, and related duties) and reporting writing.
- Worked in Environmental Assessment and Site Investigation Department at South China Sea Institute of Oceanology (SCSIO), Chinese Academy of Sciences (CAS) from 1999 to 2001. Responsibilities include Geographic Information Systems (GIS) mapping, sampling, data analysis, reporting writing, and related project duties.

Referred Journal Articles

- He, Xueqin (Elaine)**, Ting Hong, Lan Liu, and John Tiefenbacher. 2011. A comparative study of environmental knowledge, attitudes, and behaviors among university students in China. *International Research in Geographical and Environmental Education* 20(2): 91-104. [DOI: 10.1080/10382046.2011.564783](https://doi.org/10.1080/10382046.2011.564783)
- Giordano, Alberto, Sharolyn Anderson, and **Xueqin He**. 2010. How near is near? The distance perceptions of residents of a nuclear emergency planning zone. *Environmental Hazards: Human and Policy Dimensions* 9 (2): 167-182. [Doi:10.3763/ehaz.2010.0031](https://doi.org/10.3763/ehaz.2010.0031)
- Wu, Jun, Rufus Edwards, **Xueqin (Elaine) He**, Zhen Liu, and Michael Kleinman. 2010. Spatial analysis of bioavailable soil lead concentrations in Los Angeles, California. *Environmental Research* 110(4): 309-317. [DOI:10.1016/j.envres.2010.02.004](https://doi.org/10.1016/j.envres.2010.02.004)
- He, Xueqin (Elaine)**, and John Tiefenbacher. 2008. Political and cultural contrasts in reporting about disasters: Comparing United States and Chinese newspaper portrayals of bridge collapses. *GeoJournal* 73: 133-147. DOI: 10.1007/s10708-008-9194-0.
- He, Xueqin**, and Denghua Yan. 2008. Geography and global climate change. *Science News* (in Chinese) 374: 25. A translation of John Tiefenbacher's commentary published by SWAAG newsletter in August 2007.
- He, Xueqin (Elaine)**, John Tiefenbacher, and Samson Eric. 2007. Hurricane evacuation behavior in domestic and international college students: The influences of environmental

familiarity, expressed hurricane evacuation, and personal experience. *Journal of Emergency Management* 5(6): 61-69.

He, Xueqin (Elaine). 2007. International students' vulnerability to emergency events: does tenure of residence make a difference? In Tobin, Graham A and Burrell E. Montz (eds.) *Papers of the Applied Geography Conference* 30: 257-266.

He, Xue-qin, Guan-xi Zhang, Qing-hua Zheng, and et. al. 2001. Analysis and assessment of the contents of four heavy metals in benthons in Daya Bay. *地理科学 (Scientia Geographica Sinica)* 21(3): 280-287. (In Chinese).

Presentations

2009 Regional Variation in Environmental Attitudes and Behaviors: A Comparison of Eastern and Western China. 2009 Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV.

2008 Environmental Awareness of Chinese Youth: A Comparative Case Study of Shanghai and Gansu Province. 2008 Annual Meeting of the Southwestern Division of the AAG (SWAAG), San Marcos, TX.

2008 What Makes Floodplain Residents Satisfied with Their Home Location? 2008 Annual Meeting of the Association of American Geographers (AAG), Boston, MA.

2007 Is Emergency Communication Biased? Comparing Newspaper Coverage of Bridge Collapses in the US and China. 2007 Annual Meeting of the Southwestern Division of the AAG (SWAAG), Bryan, TX.

2007 International Students Vulnerability to Emergency Event: Does Tenure of Residence Make a Difference? 30th Applied Geography Conference (AGC), Indianapolis, IN.

2007 International Students' Risk Perception and Avoidance of Hurricane Hazards in Houston, Texas. 2007 Annual Meeting of the Association of American Geographers (AAG), San Francisco, CA.

2006 The Socioeconomic Vulnerability of Rural to Urban Temporary Migrants in China. 2006 Annual Meeting of the Southwestern Division of the AAG (SWAAG), Norman, OK.

2006 A Decade of Floodplain Development within Metropolitan Austin, Texas. 2006 Annual Meeting of the Association of American Geographers (AAG), Chicago, IL.

2005 Regional Resistance to Weather Disasters in the United States: 1996-2001. 29th Applied Geography Conference (AGC), Washington D.C.

AWARDS & SCHOLARSHIPS

- Second Place of Student Poster Competition, SWAAG 2008
- Graduate College Scholarship, Texas State 2007
- Associated Student Government Scholarship, Texas State 2007

- The Hodges Padilla Dissertation Scholarship, Texas State 2007
- The Brightest Star Award, Texas State 2007
- Graduate College Scholarship, Texas State 2006
- Associated Student Government Scholarship, Texas State 2006
- Four Brothers Scholarship, Texas State 2006
- Adriana Samantha Visser Memorial Scholarship, Texas State 2005
- Excellent Graduate Student Award from SCSIO, China 2000

COMPUTER SKILLS

- ArcGIS, ArcView, Erdas Imagine
- Flash MX & Flash 8, Adobe Photoshop CS3
- Windows 97/ XP/2007, Microsoft Office, SPSS
- Analysis of text: TextQuest

PROFESSIONAL MEMBERSHIPS

- Association of American Geographers (AAG)
Specialty groups: Environmental Perception and Behavioral, Hazards, Human Dimensions of Global Change, Population
- Southwestern Division of the AAG (SWAAG)