

## YU XIAO, PH.D. AICP.

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### PROFESSIONAL PREPARATION

Peking University	Urban and Regional Planning B.S.	2002
University of Illinois at Urbana-Champaign	Urban and Regional Planning M.U.P.	2004
University of Illinois at Urbana-Champaign	Urban and Regional Planning Ph.D.	2008

### APPOINTMENTS

2014-present	Associate Professor, Department of Landscape Architecture & Urban Planning, Texas A&M University
2008-2014	Assistant Professor, Department of Landscape Architecture & Urban Planning, Texas A&M University
2008-present	Faculty Fellow, Hazard Reduction and Recovery Center, Texas A&M University
2007-2008	Graduate Teaching Assistant (Course Instructor), Department of Urban and Regional Planning, University of Illinois
2006-2008	Graduate Research Assistant, Mid-America Earthquake Center, University of Illinois
2002-2005	Graduate Research Assistant, Land Use Evolution and Impact Assessment Model, University of Illinois
2001-2002	Research Assistant, Center for Landscape Architecture and Planning, Peking University

### LIST OF RELEVANT PUBLICATIONS

#### Selected Publications related to the NIST CoE project

1. **Xiao, Yu** and Walter Gillis Peacock, 2014, "Do Hazard Mitigation and Preparedness Reduce Physical Damage to Businesses in Disasters: The Critical Role of Business Disaster Planning", *Natural Hazards Review*, 15 (3): 04014007-1 to 04014007-11.
2. **Xiao, Yu** and Joshua Drucker, 2013, "Does Industrial Diversification Enhance Local Economic Disaster Resilience?", *Journal of American Planning Association*, 79(2): 148-160.
3. **Xiao, Yu** and Edward Feser, 2014, "The Unemployment Impact of the 1993 Midwest Flood: A Quasi-Experimental Structural Break Point Analysis", *Environmental Hazards*, 13(2): 93-113.

4. **Xiao, Yu** and Uttara Nilawar, 2013, “Winners and Losers in Space: Analyzing Spatial Demand Shift after Natural Disasters”, *Disasters*, 37(4): 646-668.
5. **Xiao, Yu** and Shannon Van Zandt, 2012, “Building Community Resiliency: Spatial Links between Households and Businesses in Post-Disaster Recovery”, *Urban Studies*, 49(11): 2523-2542.
6. **Xiao, Yu**, 2011, “Local Economic Impacts of Natural Disasters”, *Journal of Regional Science*, 51(4): 804-820.

## **SYNERGISTIC ACTIVITIES**

1. Research Grant: (Co-PI) *Center for Risk-Based Community Resilience Planning*, \$20 million (TAMU portion: \$ 1.17 million). Funded by National Institute of Standards and Technology. 2015-2019. TAMU site PI was Walter Gillis Peacock; and other co-PI was Shannon Van Zandt.
2. Research Grant: (PI) *Interdependency in Decision Making, A Holistic Approach to Understanding Community Recovery from Catastrophes*. \$390,094 (TAMU portion: \$177,603). Funded by National Science Foundation. 2013-2016.
3. Research Grant: (PI) *Collaborative Research: Developing an Intergovernmental Management Framework for Sustainable Recovery Following Catastrophic Disasters*. \$450,009 (TAMU portion: \$102,715). Funded by National Science Foundation. 2010-2013.
4. Research Grant: (Co-PI) *Developing a Living Laboratory for Examining Community Recovery and Resilience after Disaster*. \$374,036. Funded by National Science Foundation. 2009-2013. PI was Shannon Van Zandt; and other co-PIs were Walter Gillis Peacock, Samuel Brody, and Wesley Highfield.
5. Research Grant: (Co-PI) *Social Vulnerability and Urban Development Patterns: Impacts on Community Resilience*. \$144,671. Funded by National Science Foundation. 2008-2009. PI was Shannon Van Zandt; and other co-PI was Wesley Highfield.

## **COLLABORATORS and OTHER AFFILIATIONS**

### **Collaborators and Co-authors**

Walter Gillis Peacock, Texas A&M University  
 Shannon Van Zandt, Texas A&M University  
 Robert Olshansky, University of Illinois at Urbana-Champaign  
 Edward Feser, University of Illinois at Urbana-Champaign  
 Geoffrey J. D. Hewings, University of Illinois at Urbana-Champaign  
 Joshua Drucker, University of Illinois- Chicago