

ZIYING JIANG

Department of Geography
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Education:

Expected 2008, PhD in Geography with concentration in Land Change Science, Clark University, Massachusetts. Dissertation Title: "An Empirically Parameterized Road Extension Model for the Support of Land Cover Change Modeling"

2001, M.S. in Environmental Science, Peking University, Beijing, China

1998, B.S. in Geography, Beijing Normal University, Beijing, China

Full-Time Academic/Teaching Experience:

2008: Department of Geography, University of New Orleans, New Orleans, Louisiana
Instructor

Courses Teaching:
Fundamentals of mapping and GIS
GIS application

Publications:

2007, The Road Extension Model in the Land Change Modeler for Ecological Sustainability of IDRISI. *15th ACM International Symposium on Advances in Geographic Information Systems*, November 7-9, 2007, Seattle, WA

2000, with H. Zeng, N. Kong, L. Gao. Distribution pattern of landscape elements along the terrain gradient in the fast urbanization area—a case study of Longhua area in Shenzhen City. *Acta Scientiarum Naturalium Universitatis Pekinensis* 36 (6): 585-591

2000, with H. Zeng, G. Xu. Landscape structure study of Longhua area in Shenzhen City during the fast urbanization process—I structure and heterogeneity analysis of urban construction area. *Chinese Journal of Applied Ecology* 11 (4): 567-572

2000, with H. Zeng, **Z. Jiang**, N. Kong. Landscape structure study of Longhua area in Shenzhen City during the fast urbanization process—III structure and heterogeneity analysis of farmland. *Acta Scientiarum Naturalium Universitatis Pekinensis* 36 (2): 221-230

Participation at Professional Meetings:

April 14- 19, 2008, “A Road Extension Model in the Land Cover Change Modeling for Ecological Sustainability of IDRISI” The 2008 Annual Meeting of the Association of American Geographers, Boston, Massachusetts

November 7-9, 2007, “A Road Extension Model in the Land Cover Change Modeling for Ecological Sustainability of IDRISI” The 15th ACM International Symposium on Advances in Geographic Information Systems, Seattle, Washington

April 17- 21, 2007, “A Road Extension Model for the Support of Land Cover Change Modeling” The 2007 Annual Meeting of the Association of American Geographers, San Francisco, California

March 29-April 2, 2006, “Simulation of two types of road construction” The 21st Annual Symposium of United States Regional Chapter of the International Association for Landscape Ecology, San Diego, California

Research Grants and Awards:

2007-2008, National Science Foundation Doctoral Dissertation Research Improvement Award (NSF-DDRI# 0727292). Doctoral Dissertation Research: An Empirically Parameterized Road Extension Model for the Support of Land Cover Change Modeling. \$10,290

2007, Pruser-Holzhauer Graduate Enhancement Fund. \$500

2006, NASA-MSU Professional Enhancement Awards. \$500

2001, Scholarship awarded by Peking University for excellent academic performance

1997, Second-class Prize of academic scholarship awarded by Beijing Normal University

Professional Affiliation:

2006-present, Member, the American Association of Geographers