

**Jun Yan**

Department of Geography & Geology  
 Western Kentucky University  
 Bowling Green, KY 42101

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**GIScience****Spatial Statistics****Urban & Regional Analysis****EDUCATION****The State University of New York**

Buffalo, New York

Ph.D. – GIScience/Urban &amp; Regional Analysis

September, 2004

Ph.D. dissertation title – *Geographic Knowledge Discovery in Spatial Interaction With Self-Organizing Maps*. **Advisor:** Dr. Jean-Claude Thill

**The Chinese Academy of Sciences**

Beijing China

M.S. – GIS and Remote Sensing Applications

July, 1998

M.S. thesis title – *Wetland Landscapes in the Yellow River Delta: The Integration of GIS and Remote Sensing in Studying Wetland Systems*. **Advisor:** Prof. Gaohuan Liu.

**The Peking University**

Beijing China

B.S. Urban and Regional Planning

July, 1995

B.S. thesis title – *Developing a Management Information System for Migrant Relocation in the Three Gorges Area of China*. **Advisor:** Prof. Gaohuan Liu.

Minor – Jurisprudence

July, 1995

**EMPLOYMENT HISTORY**

**Department of Geography & Geology. Western Kentucky University.** Bowling Green, Kentucky  
 Associate professor. August 2010 – Present

**Teaching:** GIS programming, geospatial databases, urban GIS applications, special topics in GIS, Geoscience statistical methods, geography of East Asia;

**Research:** GIS applications in urban & regional analysis, transportation, crime, public safety, and environmental studies; spatial quantitative methods, spatial data mining, geovisualization.

**Department of Geography & Geology. Western Kentucky University.** Bowling Green, Kentucky  
 Assistant professor. August 2004 – August 2010

**Teaching:** GIS, GIS analysis and modeling, GIS applications development, geospatial databases, transportation planning, special topics in GIS, Geoscience statistical methods, world regional geography, geography of Asia;

**Research:** GIS applications in urban & regional analysis, transportation, crime, public safety; spatial quantitative methods, spatial data mining, geovisualization.

**Department of Geography & Planning. Buffalo State College.** Buffalo, New York

Adjunct lecturer. August 2003 – January 2004

**Duties:** Instructor for Urban Geography

**Department of Geography. State University of New York at Buffalo.** Buffalo, New York

Research assistant. July 2003 – August 2003, September 2003 – October 2003, December 2003

**Duties:** Project: Intelligent Transportation System Benefit and Cost, supported by New York Department of Transportation (NYDOT); Software: *ITS Options Analysis Model (ITSOAM)* for NYDOT

Research assistant. July 2002 – May 2003

**Duties:** Project: Detection and Prediction of Geographical Changes in Crime Rates; supported by National Science Foundation; Software: *Crime Hot-Spot Detection and Monitor Model (CrimeDet)*

Graduate Assistant. August 2001 – May 2002

**Duties:** lab instructor for transportation modeling and GIS, cartography, cartographic/geographic visualization; instructor for the workshop on advanced statistics and methods for social workers

Research assistant. August 1998 – July 2001

**Duties:** Project: Highway Fatalities and Air Medical Transport Services: A Pilot Project, supported by NY DOT and CUBRC; Project: Intelligent Transportation System Benefit and Cost, supported by New York Department of Transportation (NYDOT); Software: *ITS Options Analysis Model (ITSOAM)*

**Institute of Geography. Chinese Academic of Sciences.** Beijing, China

Research assistant of the China State Key Laboratory for Resource & Environmental Information Systems (LREIS). August 1995 – July 1998

**Duties:** Project: Supporting Sustainable Development of the Yellow River Delta; funded by World Bank and City of Dongyin Shandong Province. Project: Migration Resettlement for Zigui County, Three-George Area; funded by Zigui County; Project: Migration Management Information System for Zigui County, Three-George Area

**Department of Geography. Peking University.** Beijing, China

Research assistant. August 1994 – July 1995

**Duties:** Project: Urban Planning for Xinxiang County, Henan Province. Project: Regional Planning for Luoyang City, Henan Province.

## PUBLICATIONS

- Xie, Zhixiao and Jun Yan. (under review). Detect Traffic Accident Clusters with Network Kernel Density Estimation and Local Spatial Statistics: An Integrated Approach. *Journal of Transport Geography*.
- Zhang, Cheng, Jinliang Wang, Junbing Pu and Jun Yan. (2012). Bicarbonate daily variations in a karst river: The carbon sink effect of subaquatic vegetation photosynthesis. *Acta Geologica Sinica* 86(4): 973-979.
- Zhang, Cheng, Jun Yan, Jianguo Pei and Yongjun Jiang. 2011. Hydrochemical Variations of Epikarst Springs in Vertical Climate Zones: A case study in Jinfo Mountain National Nature Reserve of China. *Environmental Earth Sciences* 63(10): 375-381.
- Jiang, Yongjun and Jun Yan. 2010. Effects of Land Use on Hydrochemistry and Contamination of Karst Groundwater from Nandong Underground River System, China. *Water, Air, & Soil Pollution* 210(1-4):123-141
- Quintanar, Arturo I., Rezaul Mahmood, Monica V. Motley, Jun Yan, John Loughrin, and Nanh Lovanh. 2009. Simulation of Boundary Layer Trajectory Dispersion Sensitivity to Soil Moisture Conditions: MM5 and Noah-based Investigation. *Atmospheric Environment* 43 (24): 3774-3785
- Yan, Jun and Jean-Claude Thill. 2009. Visual Data Mining in Spatial Interaction Analysis With Self-Organizing Maps. *Environment and Planning B: Planning and Design* 36(3): 466-486. **Note:** Winner of the **2009 Michael Breheny Prize** for the Best Paper in the journal of **Environment and Planning B**.
- Xie, Zhixiao and Jun Yan. 2008. Kernel Density Estimation of Traffic Accidents in a Network Space. *Computers, Environment and Urban Systems* 32(5): 396-406.
- Yan, Jun and Jean-Claude Thill. 2008. Visual Exploration of Spatial Interaction Data With Self-Organizing Maps. In P. Agarwal and A. Skupin (editors). *Self-Organizing Maps: Applications in Geographic Information Science*. John Wiley & Sons, Chichester. pp. 67-85.
- Yan, Jun and Jean-Claude Thill. 2007. Visual Exploration in U.S. Airline Market Structures. *Papers of Applied Geography Conferences* 30: 10-19.
- Hager, Caitlin and Jun Yan. 2007. Commuting Analysis in a Small Metropolitan Area – Bowling Green Kentucky. *Papers of Applied Geography Conferences* 30: 86-95.
- Thill, Jean-Claude, Galina Rogova, and Jun Yan. 2004a. Evaluating Benefits and Costs of Intelligent Transportation Systems Elements from a Planning Perspective. In E. Bekiaris, and Y.J. Nakanishi (editors). *Economic Impacts of Intelligent Transportation Systems – Innovations and Case Studies. Research in Transportation Economics – vol. 8*, Elsevier, Oxford. pp. 571-603.

Thill, Jean-Claude, Galina Rogova, and Jun Yan. 2004b. *The ITS Options Analysis Model (ITSOAM). Windows Application, User's Guide, Technical Documentation, and Workbooks.* New York Department of Transportation, Albany, New York.

Yan, Jun and Gaohuan Liu. 1999. Developing a Management Information System for Migration Management: A Case Study in Zigui, Hubei Province. *Sustainable Development of Three-Gorge Region.* Science Publish, Beijing, China.

Yan, Jun and Gaohuan Liu. 1999. Urban Growth as a Solution for Migration Resettlement. *Sustainable Development of Three-Gorge Region.* Science Publish, Beijing, China.

## MANUSCRIPTS IN PREPARATION

Kortney E. Craft, Rezaul Mahmood, Stephen A. King, Gregory Goodrich and Jun Yan. *Economic Impacts of Drought on Kentucky Corn.*

Donna Renaud, Jun Yan, Huajiang Zhang and Douglas C. Smith. *Spatial analysis of the Resettlement and Assimilation of Burmese Refugees in a Middle-size U.S. Cites: A case study in Bowling Green, Kentucky, U.S.A.*

Zhang, Cheng, Jun Yan and Yongjun Jiang. *Seasonal variations of karst dissolution rate in soil under different land use practices: A case study in Jinfo Mountain National Nature Reserve of China.*

## CONFERENCE PROCEEDINGS

Thill, Jean-Claude and Jun Yan. 2007. *Modeling Benefits of Incident Management Systems with the ITS Options Analysis Model (ITSOAM), a Tool for Economic Analysis.* In the proceedings of 2007 11<sup>th</sup> World Conference on Transport Research Society (WCTRS). Berkeley CA.

Tope, Shweta, John All, Andrew Ernest, and Jun Yan. 2006. *Using GIS to Identify Biological Warfare Agents as Threats to Drinking Water Supplies.* 2006 Asian Pacific GIS Users Conference. Hong Kong. January 2006.

Oyana, J. Tonny, Deepthi Boppidi, Jun Yan and Jamson S. Lwebuga-Mukasa. 2005. *Spatial Data Mining in GIS-based Medical Databases.* In the proceedings of 8th International Conference on GeoComputation. Ann Arbor, Michigan. August 2005.

Oyana, J. Tonny, Deepthi Boppidi, Jun Yan and Jamson S. Lwebuga-Mukasa. 2005 *Exploration of Geographic Information System-based Medical Databases with Self-Organising Maps: A Case Study of Adult Asthma.* In the proceedings of 13th Annual Conference of GIS Research UK, London UK. April 2005

Yan, Jun and Jean-Claude Thill. 2004. *Geographic Changes in Market Share of the US Domestic Airlines.* In the proceedings of 51st Annual North American Meetings of the Regional Science Association International, 2004. Seattle, Washington, 2004.

Yan, Jun. 2003. *Discovering Geographic Patterns in Trans-border Commodity Distribution*. Paper submitted for the Student Paper Competition of GIS Specialty Group, 2003 AAG annual meeting. New Orleans, Louisiana, 2003.

Thill, Jean-Claude, Galina Rogova, and Jun Yan. 2001. *Delay Modeling for Corridor-Level Benefits Evaluation of VMS Deployments*. In the proceeding of 80th Annual Meeting of the Transportation Research Board, Washington, DC, January 2001.

Yan, Jun. 1999. *Benefit/Cost Analysis in Local ITS Projects*. In the proceedings of Geoinformatics'99. Anna Arbor, Michigan, 1999.

## CONFERENCE PRESENTATIONS

Cary, Kevin and Jun Yan. 2012. *GIS Internships in the Campus Community*. Presented in the 2012 ESRI International GIS User Conference. San Diego, California.

Yan, Jun\* and Allison Ross. 2011. *Modeling Stormwater Pollutant Transport in a Kast Region – Bowling Green, Kentucky*. Presented in the 2011 AAG annual meeting. Seattle, Washington.

Aryee, Frank\* and Yan, Jun. 2010. *An Assessment of the GO BG Public Transit System in Bowling Green, KY*. Presented in the 2010 Annual Meeting of Kentucky Academy of Science. Bowling Green Kentucky.

Almudaris, Sami\* and Yan, Jun. 2010. *Measuring the Accessibility to Primary Care Physicians in Nashville Metro Area Using GIS*. Presented in the 2010 Annual Meeting of Kentucky Academy of Science. Bowling Green Kentucky.

Almudaris, Sami\* and Yan, Jun. 2010. *The Analysis of the Accessibility to Primary Care Physicians in Nashville Metro Area*. Presented in the 2010 Middle Tennessee Forum on GIS. Nashville Tennessee.

Yan, Jun\*. 2009. *The Analysis of Urban Commuting in Small-Size U.S. Cities*. Presented in 2009 AAG annual meeting. Las Vegas, NV.

Yan, Jun\* and Zhixiao Xie. 2008. *Kernel Density Estimation of Traffic Accidents in a Network Space*. Presented in 2008 AAG annual meeting. Boston, MA.

Hager, Caitlin \* and Jun Yan. 2007. *Commuting Analysis in a Small Metropolitan Area – Bowling Green Kentucky*. Presented in 2007 Applied Geography Conferences. Indianapolis Indiana.

Yan, Jun \* and Stuart Foster. 2007. *Data Organization and Similarity Measures in Mining Spatio-Temporal Data*. Presented in 2007 AAG annual meeting. San Francisco California.

Yan, Jun\*. 2007. *Traffic Accident Patterns in Bowling Green Kentucky*. Presented in Bowling Green Warren County MPO Technical Advisory Meeting. Bowling Green KY.

- Thill, Jean-Claude \* and Jun Yan. 2007. *Modeling Benefits of Incident Management Systems with the ITS Options Analysis Model (ITSOAM), a Tool for Economic Analysis*. 2007 World Conference on Transport Research Society (WCTRS). Seattle, Washington. June 2007.
- Yan, Jun\* and Jean-Claude Thill. 2006. Visual Exploration in U.S. Airline Market Structures. Presented in 2006 Applied Geography Conferences. Tampa Florida. October 2006.
- Yan, Jun \*. 2006. *GIS Programs at Western Kentucky University*. Presented in the 2006 Middle Tennessee Forum on GIS. Nashville Tennessee.
- Yan, Jun\* and Stuart Foster. 2006. *Visual Data Mining in Historical Drought Data: A Case Study in Kentucky*. Presented in 2006 AAG annual meeting. Chicago Illinois.
- Yan, Jun\*. 2005. *Spatio-Temporal Dynamics of U.S. Domestic Airline Market*. Presented in 2005 AAG annual meeting. Denver. Colorado.
- Yan, Jun and Jean-Claude Thill\*. 2004. *Geographic Changes in Market Share of the US Domestic Airlines*. Presented in 51st Annual North American Meetings of the Regional Science Association International. Seattle, Washington.
- Yan, Jun\* and Jean-Claude Thill. 2004. *Exploring Geographic Changes in the US Domestic Airline Markets*. Presented in 2004 AAG annual meeting. Philadelphia, Pennsylvania.
- Yan, Jun\*. 2003. *Discovering Geographic Patterns in Trans-border Commodity Distribution*. Presented in 2003 AAG annual meeting. New Orleans, Louisiana.
- Yan, Jun\*, Julie Hwang, and Jean-Claude Thill. 2002. *Geo-Referencing the Fatal Accident Reporting System*. Presented in 2002 AAG annual meeting. Las Angles, California.
- Thill, Jean-Claude\* and Jun Yan. 2001. *Modeling Benefits of Incident Management Systems*. Presented in North American Meetings of the Regional Science Association, Charleston, SC.
- Yan, Jun\*. 1999. *Incorporate GIS-T with ITS*. Presented in Geoinformatics'99. Anna Arbor, Michigan.

## CONFERENCE POSTERS

- Hager, Caitlin\* and Jun Yan. 2007. *Excess Commuting and Job-Housing Imbalance in Bowling Green Kentucky*. Poster in 2007 GIS-T Annual Meeting. Nashville Tennessee. March 2007.
- Hager, Caitlin\* and Jun Yan. 2007. *GIS Analysis of Excess Commuting in Bowling Green Kentucky*. Poster in 2007 Annual Meeting of Tennessee GIS Users Group. Chattanooga Tennessee. April 2007.

## SOFTWARE

Jun Yan. 2006. *QuickDetective – An ArcGIS Toolset for Crime Hot-Spot Monitoring*.

Jean-Claude Thill, Galina Rogova and Jun Yan. 2004. *ITS Options Analysis Model (ITSOAM)*.

Peter Rogerson and Jun Yan. 2001. *Crime Hot-Spot Detection and Monitor Model (CrimeDet)*.

Jun Yan and Gaohuan Liu. 1997. *Zigui Migration Management Information System (ZGMMIS)*.

## GRADUATE STUDENTS SUPERVISED

Caitlin Hager, Allison H. Ross, Jonathan Hall, William N. Oris, Sami Almudaris, Donna Renaud, Brandon Fowler, Frank Aryee, Huajian Zhang, Yan Chen, Tommy Woodall

## THESIS/DISSERTATION PROJECTS COMPLETED

**Title:** Understanding Colombian Violence through GIS and Spatial Statistical Approaches. **By:** Brandon Fowler. **Thesis Project Director:** Jun Yan. November, 2012.

**Title:** Measuring Accessibility to Primary Care Physicians in the Nashville Metropolitan Statistical Area. **By:** Sami M. Almudaris. **Thesis Project Director:** Jun Yan. December, 2011.

**Title:** Spatial Analysis of Fatal Automobile Crashes in Kentucky. **By:** William N. Oris. **Thesis Project Director:** Jun Yan. December, 2011.

**Title:** An Analysis of Burmese and Iraqi Resettlement Location and Assimilation in a Midsized City: Implications for Educational and Other Community Leaders. **By:** Donna Renaud. **Dissertation Committee Member (Major Contributor):** Jun Yan. October, 2011.

**Title:** Geographic Factors of Residential Burglaries – A Case Study in Nashville, Tennessee. **By:** Jonathan Hall. **Thesis Project Director:** Jun Yan. December, 2010.

**Title:** Modeling Stormwater Pollutant Transport in a Karst Region – Bowling Green, KY. **By:** Allison H. Ross. **Thesis Project Director:** Jun Yan. July, 2009.

**Title:** Commuting Analysis in a Small Metropolitan Area – A Case Study of Bowling Green/Warren County, Kentucky. **By:** Caitlin Hager. **Thesis Project Director:** Jun Yan. December, 2007.

## THESIS PROJECTS IN PROGRESS

**Title:** Assessing the Go BG Public Transit System of Bowling Green, Kentucky. **By:** Frank Aryee. **Thesis Project Director:** Jun Yan. Completion expected: December, 2012.

**Title:** Fire Risk Assessment from a Geographic Approach – A Case Study in Bowling Green, Kentucky. **By:** Huajian (Thomas) Zhang. **Thesis Project Director:** Jun Yan. Completion expected: December, 2012.

**Title:** Spatial Analysis of Fatal Automobile Crashes in the Nashville Metropolitan Statistical Area. **By:** Yan Chen. **Thesis Project Director:** Jun Yan. Completion expected: May, 2013.

## GRANTS

### Grants Funded

2009. P.I. – Jun Yan. WKU Summer Faculty Scholarship. Title: *Excess Commuting in Small-Size U.S. Cities*. Amount: \$6,000.

2006-2009. Senior Investigator and GIS Program Manager. Title: *China Environmental Health Project*. P.I. – Chris Groves. U.S. Agency for International Development (USAID). Amount: \$2,504,161.

2006. P.I. – Jun Yan. WKU Summer Faculty Scholarship. Title: *Quick Detection of Geographic Changes in Crime*. Amount: \$5,000.

2006. P.I. – Jun Yan. WKU Junior Faculty Scholarship. Title: *The Geographies of Crime In Bowling Green Kentucky*. Amount Requested: \$4,000.

2006. P.I. – Jun Yan. WKU Provost's Initiatives for Excellence (PIE) Grant. Title: *TransCAD software for Transportation Planning Course Enhancement*. Amount: \$3,000.

### Grants Pending

2012. P.I. Xingang Fan. C.O. P.I. – Chris Groves, Jason Polk, and Jun Yan. WKU Research & Creative Activities Program (iRCAP). Title: *Coupled Landscape/Atmosphere Interactions: Improved Atmospheric Modeling in the Central US Karst Region Through Incorporation of Real-World Hydrological Data*. Amount: \$20,000.

### Grants Not Funded

2011. P.I. Fei Chen. C.O. P.I. – Jun Yan. China Natural Science Foundation. Title: *Spatial Convergence and Spatial Structural Changes of Regional Economic Growth in Central China*. Amount: \$10,000.

2010. P.I. Yongjun Jiang. C.O. P.I. – Jun Yan, Thierry Bussard and Eko Haryono. United Nations Educational Scientific and Cultural Organization (UNESCO) International Geoscience Programme (IGCP). Title: *Global study of the formation, evolution and protection of karst water resources*. Amount: \$15,000.



2009. P.I. – Rezaul Mahmood. C.O. P.I. – Jun Yan and James Gary. NSF Major Research Instrumentation Program. Title: *Land-Surface Energy Flux Measurement Equipments and Cyberinfrastructure for Understanding the Role of Soil Moisture in Development of Planetary Boundary Layer*. Amount: \$1,159,079.
2008. P.I. – Rezaul Mahmood. C.O. P.I. – Jun Yan, James Gary and Stuart Foster. NSF Major Research Instrumentation Program. Title: *Land-Surface Energy Flux Measurement Equipments and Cyberinfrastructure for Understanding the Role of Soil Moisture in Development of Planetary Boundary Layer*. Amount: \$1,183,221.
2007. P.I. – Eugene S. Takle. C.O. P.I. – Jeffrey A. Andresen, Hann-Ming (Henry) Juang, Rezaul Mahmood, Jun Yan, Dev Niyogi, Sara C. Pryor, John Roads, Zaitao Pan. NOAA Climate Program. Title: *Midwest Consortium for Climate Assessment (MiCCA)*. Amount: \$2,994,883.
2007. P.I. – Rezaul Mahmood. C.O. P.I. – Jun Yan, James Gary, Christine McMichael, John Tibe, and Stuart Foster. Kentucky EpsCoR Research Infrastructure Initiative. Title: *The Center for Integrated Land and Atmosphere Studies (CILAS)*. Amount: \$5,450,174.
2007. P.I. – Jun Yan. WKU Summer Faculty Scholarship. Title: *Visual Data Mining in Drought Data – A Case Study in Kentucky*. Amount: \$5,000 (not funded).
2007. P.I. – Jun Yan. Kentucky EpsCoR Research Enhancement. Title *Visual Data Mining In Time-Series Meteorological/Climatologic Data*. Amount: \$24,705 (not funded).
2006. P.I. – Rezaul Mahmood, Lakshmi Narasimhan, Jun Yan, James Gary, and Christine McMichael. NSF Computer Foundation. Title: *EDAM: An anchor desk for Environmental Disaster Analysis & Management -Design of Foundational Infrastructure Based on High Performance & Grid Computing*. Amount: \$595,263.
2005. P.I. – Tony Oyana, Jun Yan, Patrick A. Rivers, Luke E. K. Achenie. Program: National Institute of Health (NIH), Innovations in Biomedical Computation Science and Technology. Title: *Integration of Self-Organizing Maps (SOM) into a Geographic Information Systems (GIS) Data Model*. Amount Requested by Jun Yan: \$259,715 for five years.
2005. P.I. – Andrw Ernest, Karla Andrew, John All, Guangming Xin, Jun Yan, Mostafa. Program: Environmental Protection Agency (EPA), Water Quality Cooperative Grant. Title: *Development and Application of Spatial Data Mining Tools for Water Quality*. Amount Requested: \$393,364.
2005. WKU Summer Faculty Scholarship. Title: *Geographic Changes of the US Domestic Airline Market*. Amount Requested: \$5,000

**COURSES TAUGHT****Western Kentucky University**

*Geog 492/Geos 520 Advanced Spatial Analysis/Geoscience Statistical Methods*

*Geog 477/Geos 577 Special Topics in GIS*

*Geog 465/Geos 540 Geography of Asia*

*Geog 443/Geos 517 Geospatial Databases/Advanced GIS Databases*

*Geog 423/Geos 523 Transport, Location and GIS/ Urban GIS Applications*

*Geog 423/423(G)Transportation Planning*

*Geog 419/419(G) GIS Applications Development*

*Geog 419/419(G) GIS Programming*

*Geog 317 GIS*

*Geog 417/417(G) GIS Analysis & Modeling*

*Geog 110 Honors World Regional Geography*

*Geog 110 World Regional Geography*

**Buffalo State College**

*Geo309 Urban Geography*

**State University of New York at Buffalo**

*Geo 420/520 Lab Transportation Modeling and GIS*

*Geo 381/550 Lab Cartography*

*Geo 485/551 Lab Cartographic/Geographic Visualization*

## WORKSHOPS

*Custom Geoprocessing with Python Scripting. 2012 Kentucky GIS Conference.* Louisville, KY. September 26, 2012

*2008 CPGIS Young Scholar Summer Workshop.* China Eastern Normal University. Shanghai, China. Summer 2008

*GIS & Spatial Analysis and Its Applications in Geosciences.* International Research Center on Karst (IRCK). Guilin, China. Summer 2008

*Geodatabase Data Model.* Southwest University of China. Chongqing, China. Summer 2007

*ArcGIS Customization & VBA Programming.* Southwest University of China. Chongqing, China. Summer 2007

*Introduction to ArcGIS.* Southwest University of China. Chongqing, China. Winter 2006

*Advanced Statistics and Methods for Social Workers.* SUNY at Buffalo. Buffalo, New York. Summer 2003

## HONORS AND AWARDS

**2009 Michael Breheny Prize** for the Best Paper in **Environment and Planning B**: “*Visual data mining in spatial interaction analysis with self-organizing maps*”.

**1994 Student Leadership Award.** Peking University, Beijing China

**1993 Student Leadership Award.** Peking University, Beijing China

## PROFESSIONAL MEMBERSHIP

Association of American Geographers (AAG)

Regional Science Association International (RSAI)

International Association of Chinese Professionals in Geographic Information Sciences (CPGIS)

South Eastern Division, Association of American Geographers (SEDAAG)

Kentucky GIS Users Group

Tennessee GIS Users Group

## CURRENT SERVICE ACTIVITIES

GIS Program Leader, Western Kentucky University

Graduate Committee, M.S. of Geoscience Program, Western Kentucky University

Lecturer, International Research Center on Karst (IRCK)

GIS Program Manager, WKU China Environmental Health Project

Executive Committee, WKU Bioinformatics and Information Science Center (BISC)

Reviewer: Journal of Computers, Environment and Urban Systems, Journal of Transport  
Geography, Urban Studies