

Curriculum Vitae

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Department of Geography and Geology
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I. EDUCATION:

- July 1994: **Doctor of Philosophy in Geography**
State University of New York at Buffalo
Concentrations: GIS, Urban Modeling in GIS Environment, Spatial Statistics
- Jan. 1991: **Master of Arts in Urban Studies / Urban Planning**
The University of Akron
Concentrations: Urban and Regional Development, Urban Geography
- July 1978: **Diploma in Geography**
Anhui Normal University (China)
Concentrations: Physical Geography, Regional Geography

II. EMPLOYMENT HISTORY:

- Jan. 2005 – present: Head, Department of Geography and Geology, Eastern Michigan University.
- Sept. 2001 - present: Director, Institute for Geospatial Research and Education (IGRE), Eastern Michigan University.
- Sept. 1997 - present: Director, Center for Environmental Information Technology & Application (CEITA), Eastern Michigan University.
- Aug. 2001 – Present: Full Professor, Department of Geography and Geology, Eastern Michigan University.
- Aug. 1996 – Aug. 01: Associate Professor, Department of Geography and Geology, Eastern Michigan University.

- Aug. 1994 – May 97: GIS Program Coordinator, Institute for Community and Regional Development (ICARD), Eastern Michigan University.
- Aug. 1994 - July 96: Tenure-track Assistant Professor, Department of Geography and Geology, Eastern Michigan University.
- Aug. 1991 - July 94: Research Assistant to Dr. Michael Batty, Director of National Center for Geographical Information & Analysis, State University of New York at Buffalo.
- June 1989 - July 91: Data and GIS Analyst, Center for Urban Studies, The University of Akron.
- June 1988 - May 89: Visiting Scholar, Department of Geography, The University of Akron.
- June 1984 - May 88: Deputy Director of Regional Geography Division and Lecturer of Geography, Anhui Normal University, China.

III. MAJOR ACADEMIC AWARDS:

2004 Distinguished Scholarship Award, American Association of Geographers Regional Development & Planning Specialty Group, American Association of Geographers Philadelphia Centennial Meeting, Philadelphia, PA, March 14-19, 2004.

One-Hundred Researchers: Distinguished Overseas Scholar Award, 2003-2008, Chinese Academy of Sciences.

1999 Distinguished Faculty Scholarly/Creative Activity Award, Eastern Michigan University.

IV. PUBLICATIONS-I (Peer-reviewed Journal Articles):

Sha, Z., Bai Y., Xie, Y., Yu, M., and Zhang, L., 2007. Using a hybrid fuzzy classifier (HFC) to map typical grassland vegetation in Xilin River Basin, Inner Mongolia, China, ***International Journal of Remote Sensing*** (accepted and in press).

Fang, C., and Xie, Y., 2007. Site planning and guiding principles of hi-tech parks in China: Shenzhen as a case study, ***Environment and Planning B, Planning and Design*** (accepted and in press).

Wilcox, D., and Xie, Y., 2007. Predicting Wetland Plant Community Responses to Proposed Water-Level-Regulation Plans for Lake Ontario: GIS-Based Modeling, ***International Journal of Great Lakes Research*** (accepted and in press).

Xie, Y., Batty, M., and Zhao, K., 2007. Simulating Emergent Urban Form Using Agent-Based Modeling: Desakota in the Suzhou-Wuxian Region in China. ***Annals of Association of American Geographers***, 97(3): 477-495.

- Xie, Y., and Ye, X., 2007. Comparative Tempo-Spatial Pattern Analysis: CTSPA. *International Journal of Geographic Information Science*, 21(1): 49-69.
- Xie, Y., Fang, C., Lin, C., Gong, H., and Qiao, B., 2007. Tempo-Spatial Patterns of Land Use Changes and Urban Development in Globalizing China: A Study of Beijing, *Sensors*, 7: 2881-2907.
- Xie, Y., and Brown, D., 2007. Simulation in Spatial Analysis and Modeling. *Computers, Environments and Urban Systems* 31(3): 229-231.
- Xie, Y., Fang, C., Qiao, B., and Ward, R., 2007. Urban System in West China: A Case Study along the Mid-Section of Ancient Silk Road – He-Xi Corridor, *Cities* 24(1): 60-73.
- Tian, G., Yang, Z. and Xie, Y., 2007. Detecting Landscape Spatio-temporal Dynamic Pattern Using Remote Sensing and Lacunarity Index: A Case Study of Haikou City, China, *Environment and Planning B, Planning and Design* 34(3) 556 – 569.
- Xie, Y., M. Yu, Y. Bai, and X. Xing, 2006. Ecological Analysis of An Emerging Urban Landscape Pattern - Desakota: A Case Study in Suzhou, China. *Landscape Ecology* 21(8): 1297- 1309.
- Brown, D. and Xie, Y., 2006. Spatial Agent-Based Modeling. *International Journal of Geographic Information Science* 20(9): 941-944.
- Xie, Y., 2005. A Prototype Web-based Community Decision Support System. *International Journal of Computer & Information Science*, 6(1): 48-57.
- Xie, Y., M. Yu, G. Tian, and X. Xing, 2005. Socio-economic driving forces of arable land conversion: a case study of Wuxian City, China. *Global Environmental Change* 15: 238-252.
- Yu, M., Xie, Y., and Zhang, X., 2005. Quantification of Intrinsic Water Use Efficiency along a Moisture Gradient in Northeastern China, *J. Environmental Quality* 34: 1311-1318.
- Tian, G., Liu, J., Xie, Y., Yang, Z., Zhuang, D., and Niu, Z., 2005. Analysis of spatio-temporal dynamic pattern and driving forces of urban land in China in 1990s using TM images and GIS, *Cities* 22(6): 400–410.
- Xie, Y., D. Goby, R. Raymond, and R. Pizzy, 2004. Going Beyond Automatic Vehicle Location. *GIS Development*, 8(11): 30-33, November 2004 (ISSN 0971-9377).
- Xie, Y., and Z. Fan, 2003. Examine Urban Expansion from Remote Sensing and GIS: A Case Study in Beijing, *Asian Geographer*, 22(1/2): 119-132.

- Hunter, B. and Xie, Y., 2001. Data Tools for Real-World Learning, *Learning & Leading with Technology*, 28(7): 18-24.
- Batty, M. and Xie, Y., 1999. Self-organized Criticality and Urban Development, *Discrete Dynamics in Nature and Society*, 3:109-124.
- Batty, M., Xie, Y., and Z. Sun, 1999. Modeling Urban Dynamics through GIS-Based Cellular Automata, *Computers, Environments and Urban Systems*, 23(3): 205-233.
- Xie, Y., and Batty, M., 1997. Automata-Based Exploration of Emergent Urban Form, *Geographical Systems*, Vol. 4:83-102.
- Klosterman, R. and Xie, Y., 1997. Retail Impact Analysis with Loosely Coupled GIS and a Spreadsheet, *International Planning Studies*, 2(2): 175-192.
- Batty, M. and Xie, Y., 1997. Possible Urban Automata, *Environment and Planning B*, 24(2): 175-192.
- Batty, M. and Xie, Y., 1996. Preliminary Evidence for a Theory of the Fractal City, *Environment and Planning A*, 28: 1745-1762.
- Xie, Y., 1996. A Generalized Model for Cellular Urban Dynamics, *Geographical Analysis*, 28(4): 350-373.
- Xie, Y., 1995. The Overlaid Network Algorithms for Areal Interpolation Problem, *Computers, Environments and Urban Systems*, 19(4): 287-306.
- Mesev, T.V., Batty, M., Longley, P.A., Xie, Y., 1995. Morphology from Imagery: Detecting and Measuring the Density of Urban Land Use, *Environment and Planning A*, 27: 759-780.
- Xie, Y., and Costa, F., 1995. City Size and Socioeconomic Development in the People's Republic of China, *Asian Profile*, 23(3): 181-203.
- Batty, M. and Xie, Y., 1994. From Cells to Cities, *Environment and Planning B*, 21: 31-48.
- Batty, M. and Xie, Y., 1994. Modeling Inside GIS: Part II: Selecting and Calibrating Urban Models Using ARC/INFO, *International Journal of Geographical Information Systems*, 8(5): 451-470.
- Batty, M. and Xie, Y., 1994. Modeling Inside GIS: Part I: Model Structures, Exploratory Spatial Data Analysis, and Aggregation, *International Journal of Geographical Information Systems*, 8(3): 291-307.
- Batty, M. and Xie, Y., 1994. Urban Analysis in a GIS Environment: Population Density Modeling Using ARC/INFO, in S. Fotheringham and P. Rogerson (eds), *GIS and Spatial Analysis*, Taylor and Francis, London, pp.189-219.

- Xie, Y., 1993. Retrospective of China's Urbanization and Regional Development in the Era of Economic Reforms, *GeoJournal*, 29(2): 197-200.
- Xie, Y., and Costa, F., 1993. Theory and Practice of Urban Planning in Socialist China, *CITIES*, 10(2): 103-114.
- Xie, Y., and Dutt, A., 1993. Foreign Joint Ventures in the People's Republic of China, 1979 to 1985, *GeoJournal*, 29(4): 385-397.
- Xie, Y., and Costa, F., 1991. The Impact of Economic Reforms on the Urban Economy of the People's Republic of China, *The Professional Geographer*, 43(3): 318-335.
- Xie, Y., and Costa, F., 1991. Urban Design Practice in Socialist China, *Third World Planning Review*, 13(3): 277-296.
- Xie, Y., and Dutt, A., 1991. Spatial Disparities of Urban Socio-Economic Development in the People's Republic of China, *Geoforum*, 22(1): 55-67.
- Xie, Y., and Dutt, A., 1990. Perspectives on City-size and Investment Effectiveness in China, *GeoJournal*, 21(1/2): 33-38.
- Xie, Y., and Dutt, A., 1990. Regional Investment Effectiveness and Development Levels in China, *GeoJournal*, 20(4): 393-407.
- Fang, J. and Xie, Y., 1990. Territorial Exploitation in Chinese Subtropical Mountainous Regions, South Anhui as a Case Study, *GeoJournal*, 21(1/2): 73-81.
- Yu, Y., Zhu, Y., and Xie, Y., 1988. Assessing the Influence of Environmental Parameters on the Hydrological Cycle, *Hydrological Process*, Vol.2: 285-289.

V. PUBLICATIONS- II (Book, Book Chapter, Peer-reviewed Proceedings):

- Xie, Y. and Ye, X., 2007. Evolution of urban system in China. In Pomeroy, G., editor, *Geographic Perspectives on Cities, Regions and Society, Volume One*. Concept Publishing.
- Batty, M., Steadman, P. and Xie, Y., 2006. Visualization in Spatial Modeling, in J. Portugali (Editor) *Complex Artificial Environments*, Springer, Berlin, pp. 149-169.
- Xie, Y., and M. Batty, 2005. Integrated Urban Evolutionary Modeling, In *GeoDynamics* (edited by Peter Atkinson, Giles Foody, Steven Darby and Fulong Wu), Boca Raton: CRC Press, pp. 273-294.

- Batty, M. and Xie, Y., 2005. Urban Growth Using Cellular Automata Models. In, GIS, Spatial Analysis and Modeling (edited by David Maguire, Mike Goodchild and Mike Batty), pp. 151-172. Redland, CA: ESRI Press.
- Xie, Y., 2004. A Web-based Spatial Decision Support System: WebPolis. Proceedings: *Fifth ACIS International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing* (SNPD2004), June 30 - July 2, 2004 Beijing, China.
- Zhang, L. and Xie, Y., 2003. A GIS-Based Handheld Property Assessment System for Neighborhood Revitalization, *Proceedings of URISA 2003 Annual Conference*, October 11-15, 2003, Atlanta, Georgia.
- Xie, Y., 2003. Geo-spatial Technologies in Science Education. In F. Malpica, A. Tremante, and N. Sala (ed.), *Proceedings: International Conference on Education and Information Systems: Technologies and Applications*, International Institute of Informatics and Systemics, July 31- August 2, 2003, Orlando, Florida.
- Xie, Y., 2003. GIS In Online Community Decision Support, *Proceedings of URISA 2nd Annual Public Participation GIS Conference*, July 20-22, 2003, Portland State University, Portland, Oregon.
- Xie, Y., 2002. Software Solutions for Science e-Education: A Case Study from the VISIT Project. *Proceedings: International Symposium on Infrastructure For E-Business, E-Education, E-Science, And E-Medicine On The Internet*, Scuola Superiore G. Reiss Romoli (SSGRR) in L'Aquila, Italy, July 29 - August 4, 2002, pp.301-318.
- Xie, Y., 2000. Factors Influencing Fertility in China: A Regional Approach, in Allen G. Noble (ed.) *Geographic and Planning Research Themes for the New Millennium: Felicitations in Honor of Professor Ashok K. Dutt*, B.R. Publishing Corporation, Delhi, India.
- Hunter B. and Xie, Y., 2000. Building a Real-World Learning Community: The Work/Site Alliance of Southeastern Michigan. *Proceedings: International Conference of the Learning Sciences*, Edited by Barry J. Fishman and Samuel F. O'Connor-Divelbiss, University of Michigan, Ann Arbor, MI, June 14-17, 2000 .
- Zhou, C., Sun, Z. and Xie, Y., 1999. *Studies on Geo-Cellular Automata* (Geographical Information Science Series), Science Press of China.
- Xie, Y., R. Ward and X. Wang, 1997. Agriculture and Socialist Policies in the Minority Areas of China, in A. L. Singh (ed.) *Land Resource Management*, VIKAS Publishing House PVT LTD, New Delhi, India.
- Costa, F., Dutt, A. and Xie, Y., 1996. Changing Urban Forms in Asia. *Proceedings: Fourth Asian Urbanization Conference*. Ed. L. Chiang, J. Williams, and H. Bednarek. Michigan

State University, East Lansing, Michigan.

- Xie, Y., and G. Graettinger, 1996. An Integrated Arcview Expert System for Analyzing Contaminated Sediments in the Great Lakes Basin. *The Proceedings of 1996 ESRI User Conference*. Redlands, CA: ESRI Inc.
- Mesev, V., Batty, M., P. Longley, and Xie, Y., 1995. Detecting and Measuring the Density of Urban Land Use from Imagery - Bristol as a Case Study, in M. M. Fisher, T. Sikos and L. Bassa (eds), *Recent Developments in Spatial Information Modelling and Processing*, Geomarket Kkt., Budapest.
- Dutt, A., Xie, Y., Costa, F., and Yang, Z., 1994. Contrasting Models of City Form: China and India, in Dutt, Costa, Aggarwal and Noble (eds), *The Asian City: Processes of Development, Characteristics and Planning*, Dordrecht/Boston: Kluwer Academic Publishers, pp. 25-52.
- Dutt, A., Xie, Y., and R. Das, 1994. Comparative Ranksize Analysis of Cities - China and India, in Dutt, Costa, Aggarwal and Noble (eds), *Asian City*, Dordrecht/Boston: Kluwer Academic Publishers.
- Klosterman, R. and Xie, Y., 1993. ECONBASE: Economic Base Analysis, in R. Klosterman, R. Brail, and E. Bossard (eds), *Spreadsheet Models for Urban and Regional Analysis*, New Brunswick, N.J.: Center for Urban Policy Research, Rutgers University, 1993, pp.163-182.
- Klosterman, R. and Xie, Y., 1993. SHFT-SHR: Local Employment Projection, in R. Klosterman, R. Brail, and E. Bossard (eds), *Spreadsheet Models for Urban and Regional Analysis*, New Brunswick, N.J.: Center for Urban Policy Research, Rutgers University, 1993, pp.183-204.
- Klosterman, R. and Xie, Y., 1993. Estimating Retail Shopping Patterns, in L. Wiggins, S. French, and R. Klosterman, *Atlas*GIS Local Government Applications Guide*, San Jose, CA: Strategic Mapping, Inc.
- Lin, H., Y. Ding, and Xie, Y., 1993. *Proceedings: The First Annual Conference of Chinese Professionals in Geographic Information Systems*, Beijing: Science Press of China (in Chinese), 1993.
- Xie, Y., and G. Lin, 1993. Tiger Systems: Architecture, Applications and the Development Potential in China, in H. Lin, Y. Ding, and Y. Xie (eds), *Proceedings: The First Annual Conference of Chinese Professionals in Geographic Information Systems*, Beijing: Science Press of China (in Chinese).
- Dutt, A. and Xie, Y., 1992. Changing Face of Agricultural Development Strategies in Socialist China, in Mehdi Raza (ed), *Development and Ecology: Essays in Honor of Professor Mohammad Shafi*, New Delhi: Rawat Publications, 1992, pp.121-138.

Dutt, A. and Xie, Y., 1992. Spatial Aspects of Socio-Economic Development in the People's Republic of China, in P.R. Sharma (ed), *Perspectives on Third World Development*, Varanasi, India: Rishi Publications, 1992, pp.77-106.

VI. GRANT AND RESEARCH ACTIVITIES:

Principal Investigator, *(City of Detroit) Mayor's Youth Technology Corps - Creating Safe Communities through Information Technology Training in Homeland Security Applications*, 2008-2010, \$900,000, funded by the US National Science Foundation.

Co- Principal Investigator, *DHB: LL-MAP - Language and Location: A Map Annotation Project*, 2006 – 2008, \$600,000, funded by the US National Science Foundation.

Principal Investigator, *ENVIRONMENTAL Disaster Urban REcovery (ENDURE) Model*, 2005-2006, \$50,000, funded by Pacific Disaster Center.

Project Director, *GPS/GIS SMRT Vehicle Management Integration Development*, 2004-2006, \$150,000, funded by Detroit Public Schools.

Project Director, *Detroit's Integrated Sidewalk Management System (ISMS)*, \$ 110,000, 2005-2006, funded by City of Detroit Engineering Department.

Principal Investigator, *VISIT: Virtual Immersion in Science Inquiry for Teachers*, 2000-2004, \$1,240,000, funded by the National Science Foundation.

Principal Administrator, *WebPolis Consortium*, 2002-2004, \$250,000, funded by United States Department of Commerce Technology Opportunity Program.

Principal Investigator, *GIS/Mathematical Model for Predicting Wetland Plant Community Responses to Proposed New Lake-level Regulation Plans*, 2003-2004, \$30,000, funded by USGS (Geological Survey).

Principal Investigator, *Dynamic Telecommunications Infrastructure Planning System (DTIPS)*, \$110,000, funded by MERIT Network, Inc. and Heart Of Michigan Planning Group, 2002-2003.

Co-PI, *Supporting Beginning Mathematics and Science Teachers*, 2001-2002, \$80,000, an Eisenhower grant from the State of Michigan.

Co-PI, *Teacher Learning that Supports Student Inquiry: Interdisciplinary Science Investigation of Contemporary Problems*, 2000-2001, \$75,000, an Eisenhower grant from the State of Michigan.

Lead Technology Researcher, *Digital Community and Collections for Science and*

Mathematics, \$800,000, National Science Foundation for the National Science, Mathematics and Engineering Digital Library, 2000-2002.

Interim PI and Co-PI, **Work/Site Alliance: Community-Based GIS Education**, 1997-2000, \$1,200,000, funded by the National Science Foundation.

Principal Investigator, **Development of 3d Modeling Tools and the FIELDS System - Fully Integrated Environmental Location Decision Support**, \$100,000, USEPA-Region 5, 1999 - 2002.

Project Director, **GIS Applications Development and Technical Services**, \$100,000, Wayne County Department of Public Services, 2000.

Principal Investigator, **Technical Support For FIELDS – Fully Integrated Environmental Location Decision Support**, \$200,000, USEPA-Region 5, 1999 - 2000.

Project Director, **Flint Census Tract – Parcel Mapping**, the Greater Eastside Community Association of Flint, 1999.

Project Director, **Wayne County Transmap Quality Assurance Tool-Box and Quality Control**, Wayne County Department of Public Services, 1999-2001.

Principal Investigator, **Lakewide Information Management System for Lake Erie Lakewide Management Plan**, USEPA-Region 5, 1998 - 1999.

Project Director, **Macomb County Customized Arc/Info Training for County-wide GIS Applications**, Macomb County Department of Planning and Economic Development, 1999.

Co-Principal Investigator, **Lake Michigan Shoreline Damage Studies**, the US Army Corps of Engineers - Detroit District, 1998 - 1999.

Project Director, **Washtenaw County GIS Technical Support**, Washtenaw County Department of Information Technology Service, February – December 1998-99.

Project Director, **Great Lakes Water Use Database Management Systems**, Great Lakes Commission, Fall, 1998.

Project Director, **Online Spatial Data Sharing and Integrated Mapping: Great Lakes GIS Online**, 1997-1998, GLNPO (Great Lakes National Program Office) through GLC (Great Lakes Commission).

Project Director, **Mapping Ohio Online: An Integrated Spatial Data Project**, 1997-1998, Ohio-Environmental Protect Agency through GLC (Great Lakes Commission).

Project Director, **Geographic Information Services Project**, for the academic year 1995-1997, Michigan State Research Excellence Fund awarded through Eastern Michigan University.

GIS Coordinator, *Kellogg Groundwater Education and Research Grant*, 1994-1997, awarded by Kellogg Foundation.

Physical Scientist and GIS/Remote Sensing Consultant at US Army Corps of Engineers – Detroit District through Inter-government Personnel Act (IPA), 1995-1997.

Principal Investigator, *The FIELDS (Fully Integrated Environmental Location Decision Support) System Technical Support and Enhancement Project*, awarded by USEPA-Region 5 in 1997.

Principal Investigator, *The Information Synthesis Support for Lake Erie Lakewide Management Plan*, awarded by USEPA-Region 5 in 1997.

Principal Investigator, *The Ashtabula (Ohio) Site Environmental Decision Support Project*, awarded by USEPA-Region 5 in 1997.

Co-Principal Investigator, *Detroit River GIS on Internet*, funded by the Michigan Department of Environmental Quality, January - July, 1997.

Project Director, *Design of Database Management and Query Interface for Analyzing Contaminated Sediments in the Great Lakes*, the US Environmental Protection Agency - Region 5, and the US Army Corps of Engineers - Detroit District, Fall, 1995.

Project Director, *Desktop GIS Demonstration and Training for Analyzing Contaminated Sediments in the Great Lakes*, the US Environmental Protection Agency - Region 5, and the US Army Corps of Engineers - Detroit District, Fall, 1995.

Project Director, *Exploring Potential Usage of Satellite Imagery in Community-based GIS Applications*, Research Seed Grant, 1995-1996, awarded by NASA-Michigan Space Grant Consortium.

VII. CURRICULUM DEVELOPMENT:

1. New Graduate and Undergraduate Programs

I, as the principal professor, have developed the following new programs at Eastern Michigan University. I conducted the market needs analyses, wrote the proposals, developed most of the syllabi, and obtained the approvals from various committees at the department, the college, and the university levels. These new programs include,

- MS Degree Program of Geographic Information System
- Graduate Certificate Program for GIS Professionals
- Graduate Certificate Program for GIS Educators (Online)
- GIS Undergraduate Minor Program

2. *Ph.D. Supervising Committees*

I have served in Ph.D. supervising committees in several institutions, including,

- College of Education, and College of Technology, Eastern Michigan University
- Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China
- Institute of Botany, Chinese Academy of Sciences, Beijing, China

VIII. INTERNATIONAL EXCHANGE PROGRAMS AND ACADEMIC ACTIVITIES:

I, in the past ten years, have been actively involved with international exchange programs and professional activities. The significant ones are listed below.

- ***Distinguished Overseas Research Professor***, September 2002 to present, Institute of Botany, Chinese Academy of Sciences, Beijing, China
- ***Senior Guest Research Professor***, September 2004 to present, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China
- ***Senior Guest Professor***, September 2004 to present, Tianjin Institute of Urban Construction, Tianjin, China
- Co-Chair of the Organizing Committee, ***The 8th International Conference on GeoComputation (GeoComputation 2005)***, Ann Arbor, Michigan, August 1-3, 2005
- **Advisory board member**, the *Geographic Information Science and Technology Body of Knowledge*
- **Coordinator**, developing an Agreement on a Program to Offer a Dual Masters Degree in Geographic Information System between Tianjin Normal University, China and Eastern Michigan University, U.S.A (waiting for approval from Chinese Ministry of Education)
- **Facilitator**, developing an Agreement on a Program to Offer a Masters Degree in Computer Science from Eastern Michigan University, U.S.A and a Masters Degree in Software Engineering from Beihang University (Beijing University of Aeronautics and Astronautics), China (waiting for approval from Chinese Ministry of Education)
- **Facilitator**, developing an Agreement on a Program to Offer a Dual Masters Degree in Economics between Tianjin Normal University, China and Eastern Michigan University, U.S.A (waiting for approval from Chinese Ministry of Education)
- North America Director, 1998 – 2004, ***Joint Center for Environmental Information Technology and Analysis (CEITA)*** between Eastern Michigan University and LREIS

(National Key Lab of Resources and Environmental Information Systems) at Chinese Academy of Sciences

- North America Coordinator, ***Shanghai International Urban Toxics and Water Quality Modeling Workshop***, Shanghai Municipal Bureau of Environmental Protection, Shanghai Academy of Environmental Sciences, US EPA Region 5, US Geological Survey, and the City of Chicago Department of Environment, May 3 - 5, 2000, Shanghai, China
- North America Organizer, ***Shanghai International Workshop: Fully Integrated Environmental Location Decision Support***, Shanghai Municipal Bureau of Environmental Protection, Shanghai Academy of Environmental Sciences, and US EPA Region 5, November 9-10, 1999, Shanghai, China
- North America Organizer, ***Beijing International Workshop: Fully Integrated Environmental Location Decision Support***, State Environmental Protection Administration of China (SEPA), Beijing Academy of Environmental Sciences, and US EPA Region 5, November 4-5, 1999, Beijing, China
- Co-Chair of the Organizing Committee and Chair of Local Organizing Committee, ***the First International Conference on GIS Education***, Ypsilanti, Michigan, October, 1998