

CURRICULUM VITAE

Jiming Qiao, M.Phil., Ph.D

Urban Planner

Ontario Ministry of Municipal Affairs and housing

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EDUCATION

Ph.D. in Urban Planning and Geographical Information Systems, 2000

Centre of Urban Planning and Environmental Management

The University of Hong Kong, Hong Kong

M.Phil. in Urban and Regional Studies, 1990

Geography Department, The University of Liverpool, Liverpool, UK

B.Sc. in Geography, 1984

Geography Department, Shanxi Normal University, Shanxi, China

EMPLOYMENT HISTORY

Urban Planner, 2002-present

Provincial Planning Policy Branch, Ontario Ministry of Municipal Affairs and Housing,
Toronto

Urban Planner, 1991-1997, 1999-2001

China Academy of Urban Planning and Design, Beijing, China

Teacher Assistant, Urban Planning and GIS, 1997-1999

Centre of Urban Planning and Environmental Management

The University of Hong Kong, Hong Kong

Research Assistant, 1990-1991

Urban Research and Policy Evaluation Regional Research Laboratory (URPERRL)

Manchester University, Manchester, UK

Lecturer, 1984-1987

Shanxi Normal University, China

INTERESTS

Urban and Regional Planning, Sustainable Development Studies
Urban Environment and Urban Services Sectors, Policy Evaluation

Geographical Information Systems (GIS), Spatial Modeling and Simulation
Planning Support Systems (PSS) and Spatial Decision Support Systems (SDSS)

TECHNICAL SKILLS

GIS software: ArcGIS, ArcInfo, ArcView, ArcIMS and MapObjects; MapInfo; Orion OnPoint
DBMS: Oracle, MS Access and FoxPro
Graphic systems: AutoCAD, MicroStation, CorelDRAW, PhotoShop
Programming: Visual Basic, Visual C++, Java Script, XML, HTML
Others: OOP/OOD, COM, ActiveX, CBSD, SPSS, MS Office,

PUBLICATIONS

1. Publication in English

- Yeh, A.G.O. and Qiao, J.J., 2005, ModelObjects: a model management component for the development of planning support systems, *Computers, Environment and Urban Systems*, 29(2005), pp.133-157.
- Yeh, A.G.O. and Qiao, J.J., 2003, Component-based approach in the development of a knowledge-based planning support system. Part 1: the architecture of KBPSS. *Environment and Planning B: Planning and Design*, Vol. 31, pp.517-535.
- Yeh, A.G.O. and Qiao, J.J., Component-based approach in the development of a knowledge-based planning support system. Part 2: the ModelObjects and KBSAgents components of KBPSS. *Environment and Planning B: Planning and Design*, Vol.31, pp.647-671.
- Zhao, S.X.B., Tong, C.S.P. and Qiao, J., 2004, Spatial Changes in China's Industrial Structure. *Geography*, 89(2), pp.127-139.
- Zhao S. X, Tong, C.S.P. and Qiao, J., 2002, China's WTO accession, state enterprise reform, and spatial economic restructuring", *Journal of International Development*, 14(4), pp. 413-433.
- Yeh, A.G.O. and Qiao, J., 1999a, An intelligent solution support system for spatial modeling and decision support. *Proceedings of the 32nd Hawaii International Conference on System Science (HICSS-32)*, January 5-8, 1999, Maui, Hawaii (CD-ROM), Institute of Electrical and Electronics Engineers (IEEE), Los Alamitos, CA.
- Yeh, A.G.O. and Qiao, J., 1999b, An object-oriented approach in the development of planning support systems. Rizzi, P. (ed.), *Proceedings of the 6th International Conference of Computers in Urban Planning and Urban Management (CUPUM'99)* (CD-ROM), IUAV/DAEST, Venice, Italy.
- Yeh, A.G.O. and Qiao, J., 1998, Knowledge based planning support system for urban planning. In Lai, P., Leung, Y. and Shi, W. (eds.), *Proceedings of International Conference on Modelling Geographical and Environmental systems with Geographical Information Systems*, The Chinese University of Hong Kong, Hong Kong, 456-462.
- Qiao, J. and Yeh, A.G.O., 1998, Developing an intelligent model management system for SDSS environment. In Lai, P., Leung, Y. and Shi, W. (eds), *Proceedings of International Conference on Modelling Geographical and Environmental systems with Geographical Information Systems*, The Chinese University of Hong Kong, Hong Kong, 665-672.

2. Publications in Chinese

More than 36 journal papers, book chapters and research reports were published in Chinese. These publications cover areas of urban and regional development, urban sustainable planning, GIS applications and urban digital information infrastructure.

RESEARCH, POLICY DEVELOPMENT AND CONSULTANCY

Urban and Regional Planning

1. Ontario Planning Act tools (zoning with conditions, density bonusing, community improvement plan, financial tools and incentive, brownfields redevelopment, urban agriculture, spatial visualization of planning tools)
2. Ontario Planning Reform I and Planning Reform II
3. Provincial Policy Statement (PPS) performance monitoring
4. Inter-ministry initiatives related to GGH Growth Plan, GTA regional transportation plan GTRA regulations, source water protection regulations, climate change-related initiatives, biodiversity
5. GGH Greenbelt Plan, 2005
6. Research and Innovation Papers for Smart Growth: Paper 1 – Cross-Jurisdictional Planning Approaches; Paper 2 – Compact Community Planning Approaches; Paper 3 – Urban Development Initiatives and Programs, Ontario Ministry of Municipal Affairs and Housing, 2003 (publications in processing)
7. Regional Analysis, Project Member, Provincial Planning and Environmental Services, Ontario Ministry of Municipal Affairs and Housing, 2002
8. Shenzhen 2030: Vision Planning and Strategies – Project Design, **Project Coordinator**, CAUPD, 2000-2001
9. Development Policies for the Shenzhen High-Tech Zone, **Project Coordinator**, CAUPD, 2000-2001
10. Dongguan Urban Comprehensive Planning, **Project Coordinator**, CAUPD, 2000
11. Dalingshan Urban Comprehensive Planning, **Project Coordinator**, CAUPD, 2000
12. Machun Urban Development Planning, **Project Coordinator**, CAUPD, 2000
13. Rural Sustainability in the Town of Qiaotou, **Project Coordinator**, CAUPD, 2000
14. Changping Urban Comprehensive Planning, CAUPD, 2000
15. Zoning By-Law in Shenzhen and its Impacts on National Urban Planning System, the Ministry of Construction, 2000-2001
16. Waihai Urban System Planning, **Project Coordinator**, CAUPD, 2000
17. Dongying Urban Comprehensive Planning, **Project Coordinator**, CAUPD, 1996-1997
18. Urban and Regional Development and Planning in the Beijing-Kowloon Hong Kong Economic Zone, **Primary Investigator**, National Natural Sciences Fund, 1995-1996
19. Comparative Study of World Cities and Special References to Potential Chinese World Cities, **Project Coordinator**, CAUPD, 1995-1996
20. Urban Comprehensive Planning for the City of Tangshan, CAUPD, 1994-1995
21. Computer Aided Urban Design for Zhanjiang New Development Area, CAUPD, 1993-1994

GIS

1. GIS Portal: an Internet-Based Mapping System, Provincial Planning and Environmental Services, Ontario Ministry of Municipal Affairs and Housing, Toronto, 2003
2. Design and Development of Urban Planning Support System (KBPSS), State-Funded Research Project, **Project Coordinator and Primary Investigator**, China Academy of Urban Planning and Design (CAUPD), Beijing, 2000-2001
3. China Urban Spatial Information Infrastructure Initiative, funded by the State Ministry of Construction, **Primary Investigator**, CAUPD, Beijing, 2001
4. Detection of Land Use Changes based on GIS and Image Processing System, **Project Member**, Centre of Urban Planning and Design, The University of Hong Kong, Hong Kong
5. Virtual HKU, **Project Member**, The University of Hong Kong, Hong Kong

6. Guide of Standards for Urban Geographical Information Systems in China, the State Eighth Five-Year-Plan Research Project, **Primary Investigator**, China-Urban GIS Task Force, 1994-1995
7. Chongqing GIS-Based City Planning Information System: Design and Development, **Technical Coordinator**, CAUPD, 1993-1994
8. Information Classification and Geo-Coding System for Urban Geographical Information Systems in China, **Project Coordinator and Primary Investigator**, CAUPD, 1992-1993
9. GIS-Based Labour Market Information System, Urban Research and Policy Evaluation Regional Research Laboratory, The University of Manchester, Manchester, UK

PROFESSIONAL STANDING

Member, China Urban Planning Society, 1992-2001

Member, China Association of Geographical Information Systems, 1994-2001

Member, Hong Kong GIS Association, 1997-1999

MISCELLANEOUS

1. Understanding Achievement by a Group, Ministry of Municipal Affairs and Housing, 2006
2. Understanding Academic Awards, China Academy of Urban Planning and Design, 1995 and 1996
3. Candidate for the Li Ka Shing Prize for Ph.D Thesis, The University of Hong Kong, 2000
4. Organization Committee, United Nations Seminar on Urban Information Systems and Applications in the Developing Countries, Beijing, 1992
5. Homepage Administrator, CUPEM, IGU/GISc, APSA, HKUGISC and HKGISA, 1997-1999