

JIMIN ZHAO

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AREAS OF RESEARCH INTEREST

Environmental and energy policy, climate change and global environmental governance, sustainable transportation, energy policy and technology development, and Chinese environmental and energy policy

EDUCATION

- 1994-2000 **Stanford University**, California, USA
Ph.D., Environmental Policy, Civil and Environmental Engineering
Dissertation: *Implementing the Montreal Protocol in China*
Dissertation Committee: Leonard Ortolano (advisor), Donald Kennedy, Michel Oksenberg, John Barton, Gilbert Masters
- 1987-1990 **Peking University**, Beijing, China
M.S., Environmental Planning and Management
Masters thesis: *China's Environmental Protection Investment*
- 1983-1987 **Peking University**, Beijing, China
B.S., Urban Environmental Studies, Geography

PROFESSIONAL EXPERIENCE

- 2020 **The Hong Kong University of Science and Technology**, Hong Kong
Visiting Research Associate Professor, Division of Social Science
Member, Executive Committee, HKUST Energy Institute
- 2011-2019 **The Hong Kong University of Science and Technology**, Hong Kong
Associate Professor, Division of Social Science
Member, Executive Committee, HKUST Energy Institute
Faculty Associate, Institute for Emerging Market Studies
Faculty Associate, Institute for Public Policy
Program Director, Innovative Governance of Large Urban System (IGLUS) Executive Master, collaboration between HKUST and EPFL, 2014
Member, RTG Faculty Review Committee, 2013-2015
Member, Cross-Disciplinary Faculty Engagement, 2013
Member, XJTU-HKUST JSSD Faculty Search Committee, 2014
- 2007-2011 **University of Oxford**, Oxford, UK
Senior Research Fellow, Environmental Change Institute and Transport Studies Unit, School of Geography and the Environment (SoGE)
Director, China Environment and Energy Programme
Senior Research Fellow, Oxford Institute for Energy Studies (OIES)
James Martin Fellow, Oxford Martin School
- 2003-2007 **University of Michigan**, Ann Arbor, MI
Research Scientist, School of Natural Resources and Environment

- Research Associate, Transportation Research Institute
- 2000-2004 **Kennedy School of Government, Harvard University**, Cambridge, MA
Project Leader, China Energy Project, Belfer Center for Science and International Affairs
- 1999 **International Institute for Applied Systems Analysis**, Vienna, Austria
Young Scientist Summer Program Fellow
- 1998 **Resources for the Future**, Washington, D.C.
Walter O. Spofford Summer Research Fellow
- 1997 **The World Bank**, Washington, D. C.
Summer Research Assistant
- 1992-1994 **Chinese Research Academy of Environmental Sciences**, Beijing, China
Director, Environmental Planning and Water Pollution Control, Environmental Standards Institute
- 1993 **National Environmental Protection Agency**, Beijing, China
Engineer, Division of Environmental Standards
- 1990-1992 **Chinese Research Academy of Environmental Sciences**, Beijing, China
Engineer, Institute of Environmental Standards

RESEARCH PROJECTS

- ***Climate Change Governance and Low Carbon City Development***
 - **APEC Low-Carbon Model Town (LCMT) Phase 7 – Study Group B Policy Review:** Krasnoyarsk, Russia (Expert, December 2017-April 2018)
 - **APEC Low-Carbon Model Town (LCMT) Phase 6 – Study Group B Policy Review: Mandaue,** The Philippines (Expert, November 2016-April 2017)
 - **Moving to a low-carbon economy under different economic circumstances** (PI, £356,868, Foreign & Commonwealth Office’s Strategic Programme Fund, UK, April 2009-March 2012, collaborated with the Shandong Academy of Science, Guizhou International Cooperation Center for Environmental Protection)
 - **Governing Climate Change beyond the International Regime—Case Studies of City Actions in China** (John Fell Fund, £13,210, June 2008-May 2010)
 - **International Environmental Agreement in China**, (US\$8,000, University of Michigan, 2007)
- ***Energy Technology, Human Behavior, Policy, and Sustainable Transport and Buildings***
 - **Promoting electric vehicles in China: technology, infrastructure, and consumer behavior** (PI, HK\$100,000, RGC Direct Allocation Grant, June 2012 -19 June 2017)
 - **Low Carbon Transport Futures in Hong Kong and Shenzhen** (PI, HK\$784,776, RGC Public Policy Research, January 2013-April 2016)
 - **Energy efficiency strategy for China’s buildings** (Co-PI, £200,000, FCO, UK, collaboration with Tsinghua University, July 2010-June 2012).
 - **Visioning and backcasting for transport futures in Jinan** (PI, £49,625, Oxford’s Future City Programme, collaborated with the Shandong Academy of Science, and Shandong Finance University, April 2010-March 2012).
 - **Inside China: The Chinese View of Their Automotive Future** (Co-PI, US\$150,000, IBM)
 - **Policies to Promote the Development of Cleaner Vehicle Technologies in China** (Co-PI, US\$200,000, Sustainable Energy Program and Energy Foundation, 2001-2004)
- ***Urbanization and Environmental Policy***
 - **Trans-regional Air Pollution Control in the Guangdong-Hong Kong-Macau Greater Bay Area: The Interplay between Science and Policy** (Co-PI, March 2019–May 2020, Public Policy Research Funding Scheme, HK\$631,966)

- **Effectiveness of Air Pollution Governance and Policies in Improving Air Quality in Beijing** (PI, HK\$50,000, RGC Direct Allocation Grant, November 2014-November 2018)
- **Workshop: Pathway to Air Pollution and Sustainable Urbanization in Emerging Economies** (PI, HK\$116,500, IEMS, HKUST, June 2017)
- **Conformists or Deviants? -- The Behavior and Its Underlying Mechanisms of Polluting Firms in the Pearl River Delta Region** (Co-Investigator, 1 August 2014-31 July 2016, HK\$172,074, Social Science Collaborative Research Fund, The Chinese University of Hong Kong)
- **Urban Transport on Air Pollution: Governance and Health --a comparative study of Hong Kong and Taipei** (January 2013-May 2015)

TEACHING AND ADVISING

- 2011-present Supervise Ph.D., MPhil and GCS students (capstone project) on China's climate change, energy policy at HKUST; and teach and lecture for following courses:
- China's Sustainable Development
 - Environmental and Energy Governance in China
 - Sustainable Urbanization
 - Understanding Chinese Politics (lecture)
- 2007-2011 Co-supervise one Ph.D. student and supervise 10 masters students on China's energy, climate and environment for both SoGE and Modern Chinese Studies at Oxford; and teach and lecture for the following courses
- Teach China Environmental Policy and Governance
 - Lecture for Energy and Climate Modules
 - Lecture for Modern Chinese Politics and Society
 - Lecture for Environmental Policy
- 2003-2006 Advise masters students and serve as a committee member for Ph.D. students at the School of Natural Resources and Environment on energy sustainability and environmental economic policies, also advise masters students in Urban and Regional Planning, University of Michigan
- 2001-2003 Advise a Ph.D. student at Harvard on her dissertation about the roles of foreign direct investment in China's automotive industry
- 2001 Help teach a graduate class "Energy Policy: Technologies, Systems and Markets," at Harvard University.
- 1998 Teaching assistant for undergraduate classes "Environmental Planning Methods" and "Sustainability in Water Projects" at Stanford University.

FELLOWSHIPS AND AWARDS

- 2007-2009 James Martin 21st Century School Fellow, Oxford University
- 1998-2000 Littlefield International Political Economy Fellowship, Stanford University
- 1997-1998 Fellowship, MacArthur Foundation, Stanford University
- 1997 Field Research Grant, The Morrison Institute for Population and Resource Studies, Stanford University
- 1996 & 1997 Summer Research Grants, Center for East Asian Studies (CEAS), Stanford University
- 1994-1996 World Bank Graduate Scholarship, The World Bank
- 1992 National Science and Technology Advancement Award for the Study of Water Pollutant Discharge System (with others), State Science and Technology Committee
- 1990 Excellent Master Thesis, Peking University

1990 Second Place Award for Scientific Research for the Study of Development and Utilization of Water Resources in Beijing, Tianjing, and Tangshan (with others), Peking University

1986-1989 Scholarship for Outstanding Student, Peking University

PUBLICATIONS

1. Zhang, S. and J. Zhao, Low-Carbon Futures for Shenzhen's Urban Passenger Transport: A Human-Based Approach, *Transportation Research Part D: Transport and Environment*. 2018. 62: 236-255
2. Zhao, J., Pathway to a Low-Carbon Transport Future: The Case of Shenzhen, Thought Leadership Briefs, IEMS, HKUST, 2018.
3. Hickman, Robin, David Banister, Jian Liu, and Jimin Zhao, Integrated Transport Solutions: Images of the Future, Tommy Garling, Dick Ettema, Margareta Friman, eds., *Handbook of Sustainable Travel* (New York and London, Springer), 2014, pp: 243-256.
4. Schroeder, Heike, Jun Li, Harriet Bulkeley, Carine Barbier, Jimin Zhao, Michel Colombier, Shu Yi Chu, and Shibani Ghosh. "Enabling the transition to climate smart development in Asian cities", in Ancha Srinivasan, Frank Hiroshi Ling, and Hideyuki Mori, eds., *Climate Smart Development in Asia: Transition to Low Carbon and Climate Resilient Economies* (London and New York: Routledge), 2012, pp: 148-183.
5. Bulkeley, H., Schroeder, H., Janda, K., Zhao, J., Armstrong, A., Chu, Shu Yi, and Ghosh, S., *Cities and Climate Change: The role of institutions, governance and urban planning*, World Bank, Washington D.C., 2011.
6. Schroeder, H., J. Li, H. Bulkeley, C. Barbier, J. Zhao, M. Columbier, S.Y. Chu and S. Ghosh, "Enabling the Transition to a Low Carbon Climate Resilient Economy in Asian Cities: Drivers, Barriers and Solutions", *Transition to Low Carbon and Climate Resilient Economies in Asia: Challenges and Opportunities*, edited by A. Srinivasan, F. Ling, S. Nishioka and H. Mori, Earthscan, 2010.
7. Zhao, J. Climate Change Mitigation in Beijing, case study prepared for *Cities and Climate Change: Global Report on Human Settlements 2011*, UN-HABITAT, 2009.
8. Zhao, J. and Xia, Q. "China's Environmental Labeling Program," *The International Library of Environmental Economics and Policy*, 2007.
9. Zhao, J. and M. Melaina, "Transition to Hydrogen-Based Transportation in China: Lessons Learned from Alternative Fuel Vehicles in the United States and China," *Energy Policy*, Vol.34, No.11, July 2006, 1299-1309.
10. Zhao, J. "Whither the Car? China's Automobile Industry and Cleaner Vehicle Technology," *Development and Change*, Vol.37, No.1, 2006. Also published as a chapter in Peter Ho and Eduard. B. Vermeer (Eds.), *China's Limits to Growth: Greening State and Society*, Boston: Blackwell Publishing, 2006.
11. Zhao, J., "Implementing International Environmental Treaties in Developing Countries: China's Compliance with the Montreal Protocol," *Global Environmental Politics*, Vol.5, No. 1, 2005.
12. Ban, L. Belzowski, B., Gumbrich, S., and Zhao, J., *Inside China: The Chinese view their automotive future*, IBM: IBM Institute for Business Value. 2005.
13. Zhao, J. and L. Ortolano, "The Chinese Government's Role in Implementing Multilateral Environmental Agreements: the Case of the Montreal Protocol," *The China Quarterly*. September 2003.
14. Zhao, J, and K. Gallagher, "Clean Vehicle Development in China," *The Sinosphere Journal*, Spring 2003.
15. Zhao, J. "Multilateral Fund and China's Compliance with the Montreal Protocol," *The Journal of Environment and Development*, December, 2002.
16. Klaassen, G., McDonald, A., and Zhao, J., "The Future of Gas Infrastructures in Eurasia," *Energy Policy*. 29 (5), 2001.
17. Zhao, J. and Ortolano, L. "Implementing the Montreal Protocol in China: Use of Cleaner Technology in Two Industrial Sectors." *Environmental Impact Assessment Review*, September/November 1999.
18. Zhao, J. and Xia, Q. "China's Environmental Labeling Program." *Environmental Impact Assessment Review*, September/November 1999.

19. Zhao, J. and Ortolano, L. "China's Compliance with the Montreal Protocol." *Proceedings of the Fifth International Conference on Environmental Compliance and Enforcement*. Volume 2. Monterey, California. November 1998.

WORKING PAPERS and CHAPTERS

1. Zhao, J., S. Zhang, Public Acceptability of the Electric Road Pricing Pilot Program in Hong Kong, submitted to *Transportation Research Part A: Policy and Practice*.
2. Zhao, J., S. Zhang, A., Park, Travel Behavior, Energy Use, and Carbon Emissions: Evidence from Shenzhen, China, IEMS, HKUST; submitted to *International Journal of Sustainable Transportation*, 3rd Revision.
3. Zhang, S. and J. Zhao, 2017, Low-Carbon Futures for Shenzhen's Urban Passenger Transport System, IEMS, HKUST; Submitted to *Transportation Research Part D: Transport and Environment*. 2017
4. Zhao, J. (contribution) Low Carbon Model Town Phase 6: Mandaue City, Cebu Province, Philippines, Policy Review for APEC, Asia Pacific Energy Research Centre.
5. Shengyuan Zhang, Jimin Zhao, Jiang Yi, The Effectiveness of the Building Codes: Evidence from Real Energy Consumption in Urban China, submitted to *Energy and Building*, 2017.
6. Zhao, J. and S. Zhang, 2016, Assessing Urban Transport Systems through the Lens of Individual Behavior: Shenzhen and Hong Kong, IEMS, HKUST.
7. Zhao, J., Environmental Governance and China's Automotive Development, *Transportation Research Part D: Transport and Environment* (under revision).
8. Zhao, J., Technological Learning under Foreign Direct Investment: A Case Study of the Chinese Automotive Industry. *The China Quarterly* (under revision).
9. Zhao, J., Low-Carbon Cities in China: Urban Climate Governance, Climate Change Strategies, and Sustainability, Craig Johnson, Noah Toly, Heike Schroeder, eds., *The Urban Climate Challenges: Re-thinking the Role of Cities in the Global Climate Regime* (in review).
10. Zhao, J. Engaging China in a Post-2012 Climate Regime—From Bali to Paris, *Global Environmental Politics* (in review).
11. Zhang, S., Zhao, J., and Jiang, Y., Urban Residential Energy Consumption and Human Behavior in Seven Chinese Cities, submitted to *Energy Policy* and accepted to the 11th Asia Pacific Roundtable on Sustainable Consumption and Production (19-20 May 2014)
12. Zhao, J., Zhou, Y., Pathways to Low-Carbon Transport in Jinan, 2014 International Energy Workshop (04-06 June 2014).
13. Zhao, J. Sustainable Transport Governance System and Air Quality in Beijing. working paper, Oxford University, 2011
14. Zhao, J., Governing Climate Change in Beijing, soon to be submitted to *Energy Policy*.
15. Zhao, J., Climate Governance and Policy in China: Multi-Level Governance System, working paper, Oxford University.
16. Jimin Zhao, Jian Liu, Robin Hickman, David Banister, Yong Zhou, Qiang Han, Konglai Zhu, 2011, Visioning and Backcasting for Transport in Jinan, working paper, Oxford University.
17. Zhao, J., "Reform of China's Energy Institutions and Policies: Historical Evolution and Current Challenges," Kennedy School of Government, Harvard University, working paper, 2001.
18. Gallagher, K. and Zhao J., "U.S. Policies to Promote Cleaner Vehicles," Kennedy School of Government, Harvard University, working paper. 2003
19. Zhao, J. *Diffusion, Costs and Learning in Developing International Gas Transmission Lines*, IR-00-05. IIASA, Laxenburg, Austria, 2000.

PUBLICATIONS (in Chinese)

1. Zhao, J. "Motorization and the Environment in China," *China Business Herald (Zhongguo Shangbao)*, L2, July 26, 2005.
2. Zhang, H., Mei, F., Zhao, J., and Guo, X., *Report on Environmental Protection Investment in China*, Beijing: Qinghua University Press, 1992.
3. Zhao, J., "Preliminary Study on Preferential Policies for Environmental Protection," *China Environment News*, 1991.
4. Zhu, X., Xia, Q., and Zhao, J., *Pollutants Discharge Permit System in China*, Beijing: China Environmental Science Press, 1991.
5. Xia, Q., Li, L. and Zhao, J., *Development and Utilization of Water Environmental Capacity*, Beijing: Beijing Normal University Press, 1990.
6. Xia, Q., Li, L., Zhao, J., and Zou, S., *Technical Manual for Control of Total Amount of Pollutants*, Beijing: China Environmental Science Press, 1990.
7. Guan, B., Guo, H., and Zhao, J., "Application of Analytical Hierarchy Process to EIA of Water Resources Development," *Environmental Impact of Water Resource Utilization*, Beijing: Science Press, 1990.
8. Zhao, J., "Compensation for Natural Protection," *Nature Protection Information*, January, Beijing, 1990.
9. Zhao, J., "Principles for Environmental-Economic Decisions," *Decision and Information*, April-July, Wuhan, 1989.
10. Zhao, J., "Tracer Selection of Diffusion Tests in the Yellow River," *Proceedings of The Fourth National Hydrology Symposium*, Beijing: Mapping Press, 1989.

INVITED TALKS AND CONFERENCE PRESENTATIONS

1. Zhao, J., S. Zhang, A., Park, Travel Behavior, Energy Use, and Carbon Emissions: Evidence from Shenzhen, China. International Energy Workshop, Paris, France, 3-5 June, 2019.
2. Shengyuan Zhang, Jimin Zhao, Yi Jiang, The Effectiveness of the Building Energy Codes: Evidence from the Real Energy Consumption in Urban China, 10th International Conference on Applied Energy (ICAE2018), 22-25 August 2018, Hong Kong, China
3. Can China Achieve its Targets under the Paris Agreement? Assessing China's multi-level climate change governance system, Public Policy Workshop on Governance of Grand Risk, Chinese University of Hong Kong, 20 March 2017.
4. Public Acceptability of the Electric Road Pricing Pilot Program in Hong Kong, Workshop on Policy Instruments for Pollution Control in China: Design, Implementation and Impact, 3-4 March 2017, HKUST.
5. China's Low Carbon Economy and Low Carbon City Development, Chinese University of Hong Kong, 23 June 2016.
6. The Plight of China's Environment, The Path to Sustainability: How Far Can Efficiency Take us? King Abdullah Petroleum Studies and Research Center, Hong Kong, 14-15 April 2015.
7. Energy Consumption and Low Carbon Development in Urban Building and Transport, HKUST-CAS IET Joint Workshop on Distributed Energy System, Hong Kong, 9 January 2015.
8. Moving to a Low-Carbon Economy in Cities in China, Water Resources and Public Administration, Pearl River Water Resources Commission and Hong Kong University of Science and Technology, Hong Kong, 4 December 2014.
9. Low Carbon Energy and Transport Policies in Hong Kong and Beijing, Innovative Governance of Large Urban Systems, EPFL and HKUST, Hong Kong, 11-13 November 2014.
10. Pathways to Low Carbon Transport in Jinan, International Energy Workshop, Beijing, 04-06 June 2014.
11. Urban Residential Building Energy Consumption and Human Behavior in Seven Chinese Cities, The 11th Asia Pacific Roundtable on Sustainable Production and Consumption, Bangkok, 19-20 May 2014.

12. Invited seminar, Multi-level Climate Change Governance in China, Seminars on Environmental Governance, The Hong Kong Institute of Education, 30 April 2014, Hong Kong
13. Invited Talk, China's Road to 2015 Paris Climate Change Agreement, European climate and energy targets for 2030: what is the EU saying to the world, Department of European and International Cooperation, Konrad Adenauer Stiftung, Berlin, 1 April 2014.
14. Pathways to Sustainable Mobility in Chinese Cities-Case Study of Jinan, The 18th International Conference of Hong Kong Society for Transportation Studies, Hong Kong, 16 December 2013.
15. Urban Residential Energy Consumption and Human Behavior in Chinese Cities, Sustainable Building 2013 Hong Kong Regional, The Hong Kong Green Building Council, Hong Kong, 12-13 September 2013.
16. Moving to a Low-Carbon Economy in Cities in China, Water Resources and Public Administration, Pearl River Water Resources Commission, Hong Kong University of Science and Technology, 22 July 2013.
17. Invited Talk, Green Buildings, Consumer Behavior, and Energy Efficiency, HKGBC Key Effective Market Drivers of Green Buildings, The Hong Kong Green Building Council, Hong Kong, 8 November 2012.
18. Climate Change Governance in China: The Central-Local Nexus, Symposium, "China and Global Environmental Governance," Policy Research Center for Environment and Economy, Beijing, China, August 23-25, 2012
19. Low Carbon Economy Development Trend and China's Strategy, Water Resources and Public Administration, Pearl River Water Resources Commission, Hong Kong University of Science and Technology, 30 July 2012
20. Visioning and Backcasting for Transport Futures in Chinese Cities, International Workshop on Low-Carbon Transport in Future Cities, Jinan, 24 March 2012
21. Moving to a Low-Carbon Economy in Cities, Sustainable Urban Development toward Green City: The Greater Pearl River Delta (GPRD), Hong Kong University of Science and Technology, 16-25 February 2012
22. International Negotiation on Climate Change and China's Role, The Second Shandong High-Level Low Carbon Development Forum, Jinan, 1 December 2011.
23. Invited Talk, Low Carbon Economy--Road to Addressing Climate Change, Shanghai Normal University, 22 November 2011.
24. Low Carbon City Development in China, The Harmony of Civilization and Prosperity for All—Tradition and Modernity, Transition and Transformation, Beijing Forum, Beijing, 3-6 November 2011.
25. Green Building and Energy Efficiency, Energy Forum, Hong Kong University of Science and Technology, 3 November 2011.
26. Invited Talk, Road Towards Different Path of Growth, FutureChina Global Forum, Singapore, 11-12 July 2011.
27. Invited talk, China's electric vehicle development and policy, EV Summit, Oxford University, 25-26 February 2011
28. Invited Talk, Post-2012 Climate Change and China, Dialogue with China on Harmonious Society: Governance, Participation and Social Cohesion, Wilton Park, UK, 4-7 November 2010.
29. Low Carbon Economy Development Trend and China's Strategies, Jinan, China, 16 April 2010.
30. Invited Speech, Low Carbon Economy—Road to Adapt to Climate Change, Guiyang and Zunyi, China, 14 and 15 January 2010
31. Invited Speech, Low Carbon Economy—Road to Adapt to Climate Change, Jinan, China, 12 January 2010.
32. Moving to a Low-Carbon Economy in Cities, China Executive Leadership Academy Pudong, Shanghai, 28-30 October 2009.
33. Keynote Speech, Climate Change, Power, and Poverty Conference, Uppsala, Sweden, 14 October 2009.
34. Can China Save the Copenhagen Agreement? Working with China on Sustainable Growth: The Climate Change, Environment, Energy Nexus, Wilton Park, 8-11 October 2009.
35. The Rise of China and Its Implications for the Developed World, Royal Geographical Society-Institute of British Geographer (IBG) Annual Conference, Manchester, 26-28 August 2009.

36. Invited talk, Governance and China's Environmental Crisis, The British Inter University China Centre Lecture, Bath Royal Literary & Scientific Institution, Bath, 19 March 2009.
37. Invited talk, China's Environmental Challenges: Economic Growth and Environmental Protection, 1887 Society, Mansfield College, Oxford, 24 February 2009.
38. Invited talk, Adapting to Climate Change: Actions in China, Oxford Forum on International Development, Oxford, 8 February 2009.
39. Global Environmental Change and Sustainable Development: Public Policy Challenges, University of Bristol, 6 February 2009.
40. Invited presentation, Governing Climate Change beyond the International Regime: City Actions in China, New Frontiers in Global Environmental Governance, Waterloo, Canada, 28-30 January, 2009.
41. Invited talk, "Can the Green Olympics Help Beijing Create a More Sustainable Transport System?" Oxford Brookes University, 4 November, 2008.
42. "China's Role in Addressing Climate Change," the Centre for International Governance Innovation's fourth Annual Conference--CIGI'08: China in the Shifting World Order, Waterloo, Canada, 25-26 October 2008.
43. "Can the Green Olympics Help Beijing Create a More Sustainable Transport System?" NECTAR (Network on European Communications and Transport Activities Research) cluster conference "Integrated Transport: from policy to practice," Oxford University, 12-13 September 2008.
44. "From Bali to Copenhagen: Engaging China in Post-Kyoto Climate Regime," Invited presentation at CIGI China Economic Diplomacy Workshop, Center for International Governance Innovation, Waterloo, Canada, April 26-27, 2008.
45. "From Bali to Copenhagen: China Perspectives," St Antony's College, Visiting Parliamentary Fellowship Seminars, Oxford University, January 29, 2008.
46. Invited presentation "Perspectives on transport policy: ongoing initiatives and challenges," Shaping China's Energy Security: The Environmental Challenges, Beijing, October 20, 2007.
47. Invited presentation "Engaging China in Post-2012 Climate Change Regime," Energy Security and Climate Change, Oxford University, September 9, 2007.
48. Invited presentation "Can China Survive Its Craze for Automobiles? Environmental and Energy Challenges," BICC Launch Conference: Development, Environment and Public Health, Oxford, June 28, 2007.
49. "Designing Effective Domestic Institutions in Developing Countries to Implement International Environmental Agreements," Institutional Dimensions of Global Environmental Change Synthesis Conference: Institutions for Sustainable Development in the Face of Global Environmental Change, Bali, Indonesia, December 6-9, 2006.
50. Invited presentation "China's Post-Kyoto Climate Change Policy," Institutional and Governance Aspects Regarding Energy and Climate Change—India and China, Bali, Indonesia, December 8, 2006.
51. Invited presentation "International Organizations and National Carbon Management," Workshop on Scale and Design Questions in Carbon Management at Urban and Regional Levels, Bali, Indonesia, December 5, 2006.
52. "Implementing International Environmental Agreements in China: The Montreal and Kyoto Protocols," The 6th Open Meeting of the Human Dimensions of Global Environmental Research Community, Bonn, Germany, October 9-13, 2005.
53. Invited talk "Mobility and Environmental Challenges," Press Conference on China Mobility Index, Beijing, July 19, 2005.
54. Invited talks "Transition to Hydrogen-Based Transportation in China: Lessons Learned from Alternative Fuel Vehicles in the United States and China," Energy Cooperation in East Asia, Tokyo, July 14, 2005; China Energy Outlook, Shanghai, July 16, 2005.
55. Invited talk "Impacts of Foreign Direct Investment on China's Environment: the Case of China's Automobiles," The Complex Face of Globalization in China, University of Montana, Missoula, April 18-20, 2004.

56. "Can the Environment Survive China's Craze for Automobiles?" Center for Chinese Studies, University of Michigan, January 27, 2004
57. "China's Clean Vehicle Policy Development Strategies," PACE Symposium on China's Environment and Natural Resources, Beijing, China. October 2003.
58. "Transition to Hydrogen-Based Transportation: Lessons learned from alternative fuel vehicles in the United States and China," Sustainable Multi-Modal Transportation for Chinese Cities, Shanghai, China, October 2003.
59. "Clean Vehicle Development in China," University of Michigan, Ann Arbor, November, 2002.
60. "Moving to Cleaner Vehicles: Alternative Fuel Vehicle Programs in the United States and China," Clean Vehicle Development in China, Beijing, China, October 2002.
61. "Moving to Cleaner Vehicles: Policies and Programs Promoting China's Sustainable Development of the Automotive Industry," Industrial Ecology for A Sustainable Future, Ann Arbor, June 29-July 2, 2002
62. "Clean Vehicle Research and Development in China," Workshop on Sustainable Urban Road Transport and the Greening of the Auto Industry of China, Beijing, China, June 2002.
63. Invited talk "Moving to Cleaner Vehicle Technology: Opportunities and Barriers for China's Auto Industry" at Colloquium "A Way Forward: Innovative Approaches to Addressing Industrial and Urban Environmental Problems in China," Stanford, May 2002.
64. "China's Energy Science and Technology Development: Role of Policy, R&D, and Technology Transfer," Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Rio de Janeiro, Brazil, October 2001.
65. "The Montreal Protocol Multilateral Fund: Lessons for Cooperation and Sustainable Development," in Increasing the Contribution of International Financial Institutions to Sustainable Development in the Run-up to the World Summit on Sustainable Development (with Anderson, S., Sarma, K.), The Royal Institute of International Affairs, London, June 12-13, 2001.
66. "Influence of Multilateral Fund on China's Compliance with the Montreal Protocol," Scholars of the Montreal Protocol 2001 Conference, University of Denver, March 22-23, 2001.
67. "Implementing the Montreal Protocol in China: Compliance and Factor Analysis," Environmental Research Workshop Seminar, Georgetown University Law Center, October 6, 2000.
68. "Implementation of the Montreal Protocol in China," PACE 2000 Workshop: Policy Reform and China's Environment. Washington, DC. September 1, 2000.
69. "Technological learning and international gas development." Energy Modeling Forum, Stanford University, June 2000.
70. "China's Implementation of International Environmental Treaties." Presented at the Symposium on Asian Environmental Issues organized by the Carnegie Council on Ethics and International Affairs in New York in January 1997.
71. "Cleaner Technology in China--Towards Sustainable Development." A paper for the Conference on Technology Assessment and Science Forecasting: Policy Tools for Implementing Sustainable Development in Brussels in October 1996.

ORGANIZED WORKSHOPS AND PROGRAMS

1. Program Director, Innovative Governance of Large Urban System (IGLUS) Executive Master, collaboration between HKUST and EPFL, November 2014.
2. Panel Organizer, Planet Under Pressure, London, 25-29 March 2012
3. International Workshop on Low-Carbon Transport in Future Cities, Jinan, 24 March 2012
4. Visioning and Backcasting for Transport Futures in Chinese Cities, Oxford University, 15 September 2010.
5. Moving to Low Carbon Economy in China and the United Kingdom, Oxford University, 14 September 2010

6. Organize low carbon city project workshop, Jinan and Guiyang, China, 12-15 January 2010.
7. Training program at Oxford on sustainable development for China's Central Communist Party School, Oxford University, February 2009.

OUTREACH ACTIVITIES

- 1) Interview, Solving the traffic congestion is the key to reduce carbon emissions, *Economic Herald*, 26 March 2012
- 2) Interview, The Fate of the Kyoto Protocol Is Uncertain: Domestic Low Carbon Development, *Economic Herald*, 1 December 2012
- 3) Interview, How to Engage China in the World Forum, 16 July 2011, www.people.com.cn
- 4) Training lectures to China city mayors, October 28-30, 2010, Shanghai, China
- 5) Interviewed by China Central TV on environment and education, Oxford, April 2010.
- 6) Explore Approaches to Low Carbon Economy, *Dazhong Daily*, 31 March 2010
- 7) Controlling Carbon Emissions in China is Not Only Challenge But Also Opportunity, *Science Daily*, 8 February 2010
- 8) Interviewed by China's *Science Daily* (30 November 2009), *Dazhong Daily* (12 January 2010)
- 9) Interviewed on 22 September of 2009 by BBC World Service to discuss the Chinese President's speech at the United Nations Climate Change Summit in New York.

PROFESSIONAL AFFILIATIONS

Editorial Board for the journal "Chinese Environmental Perspectives"
Board Member, Professional Association for China's Environment
Member, China Environmental Science Association
Member, China Environment, Economics, and Law Society