

Hao Yin, PhD

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EDUCATION

Aalborg University *Aalborg, Denmark*
PhD in Planning and Development Mar. 2018
Dissertation: From PM10 to PM2.5: Health Impacts and External Costs of Particulate Matter
Pollution in Beijing, China

Beijing Normal University *Beijing, China*
PhD in Environmental Economics Feb. 2018
Dissertation: Urban PM2.5 health risks and welfare loss from insights of environmental externality

Northeast Normal University *Changchun, China*
Bachelor of Science in Ecology, College of Urban and Environment Sciences 2008-2012

RESEARCH INTERESTS

Public/environmental policy	Energy Consumption	Global Climate Change
Health impacts of air pollution	Non-market goods valuation	Environmental externality

PUBLICATIONS

Papers

- **Hao Yin**, Massimo Pizzol, Jette Bredahl Jacobsen, Linyu Xu, Contingent Valuation of Health and Mood Impacts of PM2.5 in Beijing, China, *Science of the Total Environment*, 2018 630, 1269-1282. IF: 4.900, JCR ranking: Q1.
- **Hao Yin**, Linyu Xu, Comparative study of PM10/PM2.5-bound PAHs in Downtown Beijing, China: Concentration, Sources and Health Risks, *Journal of Cleaner Production*, 2018 177, 674-683. IF: 5.715, JCR ranking: Q1.
- **Hao Yin**, Massimo Pizzol, Linyu Xu, External Costs of PM2.5 Pollution in Beijing, China: Uncertainty Analysis of Multiple Health Impacts and Costs, *Environmental Pollution*, 2017 226, 356-369. IF: 5.099, JCR ranking: Q1.
- **Hao Yin**, Linyu Xu, Yanpeng Cai, Monetary Valuation of PM10-Related Health Risks in Beijing China: The Necessity for PM10 Pollution Indemnity, *International Journal of Environmental Research and Public Health*, 2015, 12(11), 9967-9987. IF: 2.101, JCR ranking: Q2.
- Linyu Xu, **Hao Yin**, Zhaoxue Li, Shun Li, Urban Land Ecological Security Evaluation of Guangzhou, China, *International Journal of Environmental Research and Public Health*, 2014, 11(10), 10537-10558. IF: 2.101, JCR ranking: Q2.
- Linyu Xu, **Hao Yin**, Xiaodong Xie, Health Risk Analysis of Inhalable Particulate Matter in Beijing based on the Thermal Environment, *International Journal of Environmental Research and Public Health*, 2014, 11(12), 12368-12388, IF: 2.101, JCR ranking: Q2.
- Yang Yang, Liwen Luo, Chao Song, **Hao Yin**, and Jintao Yang, Spatiotemporal assessment of

PM2.5-related economic losses from health impacts during 2014-2016 in China, *International Journal of Environmental Research and Public Health*, 2018, Accepted. IF: 2.101, JCR ranking: Q2.

- Yajing Huang, Linyu Xu, **Hao Yin**, Dual-Level Material and Psychological Assessment of Urban Water Security in a Water-Stressed Coastal City, *Sustainability*, 2015, 7(4), 3900-3918, IF: 1.789, JCR ranking: Q2.
- Linyu Xu, Zhaoxue Li, Huimin Song, **Hao Yin**, Land-Use Planning for Urban Sprawl Based on the CLUE-S Model: A Case Study of Guangzhou, China, *Entropy*, 2013, 15(9), 3490-3506. IF: 1.821, JCR ranking: Q2.
- **Hao Yin**, Lin Hongjun, Tonghui Qi, Wen Zhang, Jiang Feng, Limin Shi, Echolocation Calls, Wing Shape and Summer Diet of *Myotis davidii*, *Chinese Journal of Zoology* 2011, 46(6): 34-39. (in Chinese)
- Hongjun Lin, **Hao Yin**, Tonghui Qi, Wen Zhang, Limin Shi, Jiang Feng, Characteristics and Analysis of Echolocation Calls by *Myotis siligorensis*, *Sichuan Journal of Zoology* 2012, 31(1): 6-9. (in Chinese)

Books

- Linyu Xu, Fengqin Jiang, **Hao Yin** et al., Urban Ecological Risk Assessment and Management, 2017, Science Press (in Chinese).

WORK IN PROGRESS

- Comparative Study on Health Impacts and External Cost of PM2.5 and PM10 in China.
- Effectiveness of Air Pollution Control Policies in China.

EXTERNAL FUNDED RESEARCH PROJECTS

Collaborator, 2016-2018

Project: Ecological Security Technology of Urban Agglomeration in the Pearl River Delta – Urban Agglomeration Metabolic Simulation, Ecological Risk Prediction, and Early Warning Technology. Funded by China's Ministry of Science and Technology.

Collaborator, 2015-2016

Project: Strategic Environmental Assessment in the Pearl River Delta – Environmental Assessment and Settlement Security Research. Funded by China's Ministry of Environmental Protection.

Collaborator, 2013-2016

Project: Ecological Risk Research on Rapid Urbanization Regions. Funded by National Natural Science Foundation of China.

SELECTED HONORS & AWARDS

Excellent Doctoral Student in China, Chinese-German Center for Science Promotion	2017
Outstanding Scientific Achievement Award, Beijing Normal University	2016
First-Class Scholarship, Beijing Normal University	2015
Yutu Awards for Scientific Research, Beijing Normal University	2015
First-Class Scholarship, Top 5%, Northeast Normal University	2012
President Merit Scholarship, Top 2%, Northeast Normal University	2011

First-Class Scholarship, Top 5%, Northeast Normal University	2010
Excellent student, Top 2%, Northeast Normal University	2010
President Merit Scholarship, Top 2%, Northeast Normal University	2009
Excellent student, Top 2%, Northeast Normal University	2009

PROFESSIONAL ACTIVITIES

Conference Presentations

Lindau Nobel Laureates Meeting	Lindau, Germany
Oral presentation, Applied Microeconomics Seminar	2017
<i>Title:</i> Contingent Valuation of Health and Mood Impacts of PM2.5 in Beijing, China.	
Society for Risk Analysis Annual Meeting	San Diego, USA
Poster presentation, Travel award	2016
<i>Title:</i> PM2.5 Related Welfare Loss in Beijing, China.	
PACE International Symposium on Environmental Economics and Policy	Nanjing, China
Oral presentation	2015
<i>Title:</i> Monetary Valuation of PM10-Related Health Risks in Beijing China.	
Society for Risk Analysis Annual Meeting	Denver, USA
Oral Presentation	2014
<i>Title:</i> Inhalable Particulate Matter Health Risk Assessment in Beijing, China.	
Urban Environmental Pollution	Toronto, Canada
Poster presentation	2014
<i>Title:</i> Health Risk Analysis of Inhalable Particles in Beijing based on the Thermal Environment;	
The 3rd Biennial Symposium of the International Society for River Science	Beijing, China
Oral presentation	2013
<i>Title:</i> Urban Water Management and Policies in China Based on Water Security.	

Conferences Organized

Conference Assistant

Conference: PACE 2013—International Symposium on Environmental Economics and Policy in China, Dalian, China

TEACHING AND WORKING EXPERIENCE

Graduate Teaching Assistant	Beijing Normal University
<i>Course:</i> Ecological Risk Assessment (English course)	2017
<i>Responsibility:</i> Taught programming with R for ecological risk assessment to 60 junior-level undergraduates. Assisted foreign professor in communication with students.	
Undergraduate thesis advisor	Beijing Normal University
<i>Study field:</i> Environmental science	2014-2015
<i>Department:</i> School of Environment	
<i>Responsibility:</i> Gave advice and provided help to undergraduate students for study design, field research, data collection, experiments and thesis writing.	
Graduate Teaching Assistant	Beijing Normal University
<i>Course:</i> Natural Science Forum	2013-2014
<i>Responsibility:</i> Presented lecture openings to 80-100 junior-level undergraduates. Coordinated with professors from various universities. Graded quizzes, assignments and course exams.	

Graduate Teaching Assistant

Beijing Normal University

Course: Urban Ecological Planning

Sep. 2012-Dec. 2012

Responsibility: Coordinated with the professor to arrange courses and contents. Communicated with students about course activities, updated and organized study materials.

TECHNICAL SKILLS

Software

Proficient in statistical analysis and software (R, SPSS)

Basic use of Python

Basic use of Geographic Information Systems and related software (ArcGIS)

Basic use of system dynamic software (Stella)

Basic use of graphics softwares such as Photoshop, SigmaPlot, OmniGraffle, AutoCAD

Language

English— Full professional proficiency

Chinese—Native proficiency

REFERENCES

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