

## Curriculum Vita – Dr Zhaoyang Liu

### Nationality & Immigration Status:

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Chinese; UK Doctorate Extension Scheme visa (Tier 4; work full-time; valid until 12/06/2018)

### Contact Details:

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Address: National School of Development, Peking University, Beijing, 100871, China.

Email: [liu.zhaoyang@pku.edu.cn](mailto:liu.zhaoyang@pku.edu.cn), [liu.zhaoyang@hotmail.com](mailto:liu.zhaoyang@hotmail.com); Tel: +86 15510016752, +44 (0) 7721043150

Webpage: <http://www.efdinitiative.org/about-efd/people/liu-zhaoyang>

### Education:

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2017 PhD in Land Economy, Department of Land Economy, University of Cambridge, UK

Thesis title: Impact of payments for environmental services in developing countries

Classification: Awarded

2012 MPhil in Environmental Policy, Department of Land Economy, University of Cambridge, UK

Classification: Thesis distinction (79%)

2011 Master in Environmental Economics, School of Environment, Beijing Normal University, China

Classification: Distinction (87.75%)

2008 Bachelor in Environmental Science, School of Environment, Beijing Normal University, China

Classification: Distinction (85.8%)

### Academic Employments:

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2017 onwards Research fellow, Environment for Development Initiative, Sweden (80%)

Research fellow, National School of Development, Peking University, China (20%)

2015 – 2016 Graduate supervisor (teaching assistant) in Economics, University of Cambridge, UK (part time)

Tutor in Economics (undergraduate level), Villiers Park Educational Trust, Cambridge, UK (part time)

### Job Market Paper:

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Performance of agglomeration bonuses in conservation auctions: Lessons from a framed field experiment. Revise & resubmit at *Environmental and Resource Economics*.

### Selected Publications:

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*Liu, Z.*, & Kontoleon, A. (2018). Meta-analysis of livelihood impacts of payments for environmental services programmes in developing countries. *Ecological Economics*, 149(July), 48–61.

*Liu, Z.*, Gong, Y., & Kontoleon, A. (2018). How do payments for environmental services affect land tenure? Theory and evidence from china. *Ecological Economics*, 144 (February), 195–213.

*Liu, Z.*, Mao, X., Tu, J., & Jaccard, M. (2014). A Comparative assessment of economic-incentive and command-and-control instruments for air pollution and CO<sub>2</sub> control in China's iron and steel sector, *Journal of Environmental Management*, 144 (November), 135–142.

*Liu, Z.*, Mao, X., Tang, W., Hu, T., & Song, P. (2012). An assessment of China-Japan-Korea Free Trade Agreement's economic and environmental impacts on China. *Frontiers of Environmental Science and Engineering*, 6 (6), 849–859.

### Papers in Progress:

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*Liu, Z.*, Xu, J., & Kontoleon, A. Who walks in the shadows? China's Natural Forest Protection Programme and unofficial holders of forest rights. In progress.

*Liu, Z.*, Huang, H., Siikamäki, J., & Xu, J. Hedonic value of the area of urban green amenities: The case of Beijing. In progress.

*Liu, Z.*, Siikamäki, J., & Xu, J. Green versus green: Free-riding and strategic behaviour in stated preference. In progress.

*Liu, Z.* Valuing water purification by forests: A production function approach. In progress.

### Research Grants & Awards:

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2017 Sponsor: China Postdoctoral Science Foundation; Budget: £5k; Role: Principal investigator.

2015 Sponsor: Ecosystem Service Accounting for Development (Swedish International Development Cooperation Agency); Budget: £100k; Role: Principal investigator of China case studies.

- 2013 Sponsor: Economy and Environment Program for Southeast Asia; Budget: £15k; Role: Principal investigator.  
 2013 Sponsor: British Academy; Budget: £10k; Role: Co-investigator.  
 2013 Sponsor: Cambridge Humanities Research Grants Scheme; Budget: £7.5k; Role: Co-investigator.  
 2012 Sponsor: China Scholarship Council – Cambridge Scholarship (full scholarship for PhD study).  
 2010 Sponsor: Economy and Environment Program for Southeast Asia; Budget: £12k; Role: Principal investigator.

#### Teaching:

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- 2016 – 2017 Environmental Economics (undergraduate level), Peking University, China  
 2015 – 2016 Environmental Economics and Policy (graduate level), University of Cambridge, UK  
 Microeconomics, econometrics, environmental economics and experimental economics (undergraduate level), Villiers Park Educational Trust, UK

#### Invited Presentations in Recent Five Years:

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- 2018 6<sup>th</sup> World Congress of Environmental and Resource Economists (Gothenburg)  
 2017 11<sup>th</sup> Annual Meeting of the Environment for Development Initiative (Addis Ababa)  
 2017 23<sup>rd</sup> Annual Conference of the European Association of Environmental and Resource Economists (Athens)  
 2017 Ecosystem Service Accounting for Development Workshop (Naivasha)  
 2016 10<sup>th</sup> Annual Meeting of the Environment for Development Initiative (Pucón)  
 2016 Economy and Environment Programme for Southeast Asia Annual Conference 2016 (Manila)  
 2016 18<sup>th</sup> Annual Conference of the Biodiversity and Economics for Conservation (BIOECON) Network (Cambridge)  
 2016 Ecosystem Service Accounting for Development Workshop (Cape Town)  
 2015 9<sup>th</sup> Annual Meeting of the Environment for Development Initiative (Shanghai)  
 2015 21<sup>st</sup> Annual Conference of the European Association of Environmental and Resource Economists (Helsinki)  
 2014 Economy and Environment Programme for Southeast Asia Annual Conference 2014 (Phuket)

#### Other Professional Experience:

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- 2014 – 2015 Library assistant, Downing College Library, University of Cambridge, UK  
 2007 – 2008 Research Assistant, Ministry of Environmental Protection, China

#### Additional Information:

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Research interests: Impact evaluations of environmental policies and valuations of ecosystem services.  
 Research skills: Micro-econometrics, experimental methods, spatial data analysis, survey data collection and computable general equilibrium modelling.  
 Computer skills: Stata, ArcGIS, Python, R, GAMS, World Bank Survey Solutions, Microsoft Office and LaTeX.  
 Languages: English, Mandarin Chinese.  
 Referee activities: *American Journal of Agricultural Economics*, *Environment and Development Economics*, *Ecological Economics*, *Land Use Policy*, *Journal of Development Studies*, *Regional Environmental Change*, *Science of the Total Environment*.

#### References:

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|---|---|---|
| Professor Andreas Kontoleon<br>Professor and Director of Studies<br>Department of Land Economy<br>University of Cambridge<br>Cambridge, CB3 9EP UK<br>Email: <a href="mailto:ak219@cam.ac.uk">ak219@cam.ac.uk</a><br>Tel: +44 (0) 1223339773                            | Professor Jintao Xu<br>Professor and Deputy Dean<br>National School of Development<br>Peking University<br>Beijing, 100871 China<br>Email: <a href="mailto:xujt@pku.edu.cn">xujt@pku.edu.cn</a><br>Tel: +86 (10) 62767629   | Professor Elizabeth Robinson<br>Professor of Environmental Economics<br>School of Agriculture, Policy and Development<br>University of Reading<br>Reading, RG6 6AH UK<br>Email: <a href="mailto:e.j.robinson@reading.ac.uk">e.j.robinson@reading.ac.uk</a><br>Tel: +44 (0) 1183785039 |
| Dr Juha Siikamäki<br>Chief Economist<br>International Union for Conservation of Nature<br>1630 Connecticut Avenue N.W., Suite 300, Washington<br>D.C. 20009 USA<br>Email: <a href="mailto:juha.siikamaki@iucn.org">juha.siikamaki@iucn.org</a><br>Tel: +1 (202) 5182046 | Professor Nicholas Hanley<br>Professor and Chair in Environmental Economics<br>Institute of Biodiversity, Animal Health & Comparative<br>Medicine, University of Glasgow<br>Glasgow, G12 8QQ UK<br>Email: <a href="mailto:nicholas.hanley@glasgow.ac.uk">nicholas.hanley@glasgow.ac.uk</a><br>Tel: +44 (0) 1413304433 |   |