

WanJun Wang

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SUMMARY

I am a doctoral student of ecology in the Institute of Urban Environment, Chinese Academy of Sciences (CAS). I got my bachelor from the school of Business in Zhengzhou University and Master degrees from the Institute of Recycling Economy in Beijing University of Technology.

My research interests include material/substance flow analysis, material metabolism in nations and cities, urban mining, and global trade networks of materials and environmental impact.

EDUCATION

INSTITUTE OF URBAN ENVIRONMENT, CAS

Ph.D. in Ecology (expected) Sep.2017-Present

BEIJING UNIVERSITY OF TECHNOLOGY

M.S. in Population, Resource and Environmental Economics Sep. 2014-Jul. 2017

- GPA: 3.69 (4.0 scale)

ZHENGZHOU UNIVERSITY

B.A. in Business Administration Sep. 2007-Jul. 2011

- GPA: 3.40 (4.0 scale) Bachelor's thesis: 9.1

ACADEMIC EXPERIENCE AND RESEARCH

Global Impact of Aluminium Flows from End-of-life Buildings in China, *Project of International Aluminium Institute* main participant May. 2018-May. 2019

- Investigate on demolition industry and aluminium recycling industry.
- Finish research report

Research on the trend of socio-metabolic in Beijing and dematerialization measures based on material flow analysis, *Project of Beijing Social Science Foundation* participant Jan. 2016-Jul.2017

- Analyze material flows of 29 provinces from 1992 to 2014, and make a comparative analysis with Beijing.
- Support other team members if they need.

Statistical investigation and analysis of the circular transformation degree of eco-industrial parks in China, *Project of The National Development and Reform Commission* participant Oct. 2014-Mar. 2015

- Analyze the circular model of the eco-industrial parks in China.
- Support other team members if they need.

OTHER ACADEMIC EXPERIENCE

- 2018 ISIE 6th Asia-Pacific Conference (Oral presentation), Sep.2018
- 2018 International Conference on Resource Sustainability (Poster presentation), June, 2018
- 12th International Association for Ecology, Aug. 2017
- 2016 ISIE Socio-economic Metabolism and 5th Asia-Pacific Conference (Poster presentation), Sep. 2016
- The 2nd SURE Congress on Challenges for Urban Ecology in the Context of Rapid Urbanization and Global Environmental Change, Jul. 2016
- The 10th Domestic Symposium on Circular Economy and Industrial Ecology, Nov. 2015
- 2015 PKU Summer Academy of Ecological civilization and Environmental Management, Jul.2015

PUBLICATION

WanJun Wang, Weiqiang Chen, Linbin Tang, et al. The potential impact of U.S. tariffs on aluminium products

- and its countermeasures[J]. *Resources Science*, 2018, 40(07): 1319-1332.
- Tiejun Dai, **Wanjun Wang**. The characteristics and trends of socio-metabolism in China[J]. *Journal of Industrial Ecology*, 2017(03).
- Tiejun Dai, **Wanjun Wang**, Rui Liu. Spatio-temporal variation of resource and environmental pressure in China[J]. *Resources Science*, 2017, 39(10): 1942-1955.
- Tiejun Dai, **Wanjun Wang**. Study on China's direct material input and its influence factors through material flow analysis[J]. *Modern Chemical Industry*, 2017, 37(09): 05-11.
- Tiejun Dai and **Wanjun Wang**. Problems and Suggestions in the Process of the Circular Transformation of Industrial Parks in China[J]. *Renewable Resources and Recycling Economy*, 2016(03):8-12.
- Tiejun Dai, Rui Liu, **Wanjun Wang**. Material metabolism in Beijing by material flow analysis[J]. *Acta Scientiae Circumstantiae*, 2017, 37(08): 3220-3228.
- Tiejun Dai, Baichao An, **Wanjun Wang**. An evolution study on coordinated development of resource, environment and economy in Beijing-Tianjin-Hebei region[J]. *Modern Chemical Industry*, 2018, 38(07): 10-15.
- Tiejun Dai, Baichao An, **Wanjun Wang**. Study on Spatial Coupling Evolution of Ecological Quality in Beijing-Tianjin-Hebei Based on Material Flow Analysis[J]. *Ecological Economy*, 2018, 34(05): 137-142+165.

WORK EXPERIENCE

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| Teaching assistant in subject Industrial Ecology, <i>Beijing University of Technology</i> | Sep. 2014-Jul. 2015 |
| Key Clients Executive , <i>Wm. Wrigley Jr. Company (China)</i> | Jul. 2011-Jul. 2013 |

HONOR & AWARDS

- The most welcomed poster in International Conference on Resource Sustainability, June 29, 2018
- The second prize of excellent postgraduate scholarship in Beijing University of Technology, Dec. 2015
- The scholarship for excellent social work in Beijing University of Technology, Dec. 2015
- The third prize of excellent undergraduate scholarship in Zhengzhou University, Dec. 2010
- The scholarship for Excellent student cadre in Zhengzhou University, Dec. 2009
- The 1st Business Plan Competition of Ping An China, Incentive Award with bonus, Sep. 2009

TECHNICAL & LANGUAGE SKILLS

- SPSS, Eviews, SAS (only basic), Originlab, Microsoft Office Suite (Excel, PowerPoint, Visio)
- CET4: 553, CET6: 486, IELTS: 6.5.