

# Curriculum Vitae

**Chia-Wei Chao**

**Position:** Postdoctoral Researchers, Risk Society and Policy Research Center(RSPRC) at National Taiwan University

<http://rsprc.ntu.edu.tw/en/>



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## Education Background

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- PhD, Graduate Institute of Environmental Engineering, National Taiwan University ( 2006.1~2013.7 )  
Thesis : Shaping the Ecological Rationality of Public Policy -Development and Applications of Integrated Environmental Assessment Model
- Visiting Fellow, Institute of Environmental Sciences, Leiden University ( 2011.8~2012.2 )

## Working Experience

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- Researcher, Green Energy and Environmental Laboratory, Industrial Technology Research Institute. ( 2013.12 ~2017.1 )
- Research Assistant, Graduate Institute of Environmental Engineering, National Taiwan University ( 2003.6~2013.11 )

## International Participation

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- Taiwan NGO representative of Rio+20 summit (2012.6)
- Winter School on Linking Impact Assessment Instruments to Sustainability Expertise by Helmholtz Centre for Environmental Research. (2012.1)
- Training Course on Innovative uses of SEA – Strategic Sustainability Approaches by International Association for Impact Assessment (2011.9)

## Awards

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- The 41<sup>st</sup> Gold Tripod Awards for Publication. Best Government Publication. ( 2016 )
- “Hero of Environment” by Global View Magazine ( 2010 )
- Best Papers, Conference on Environmental Planning and Management (Taiwan) ( 2008 、 2009 )

- Runner-up for UNEP/SETAC Life Cycle Award ( 2007 )

## Research Field

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- Life Cycle Assessment
- Environmental Extended Input-Output Analysis
- Strategic Environmental Assessment
- Socio-technical Transition
- Energy Forecasting Planning
- Political Ecology

## Select Publication

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### A. Journal Articles

1. **Chao, Chia-Wei**, Reinout Heijungs, Hwong-wen Ma. 2013. Development and Application of Dynamic Hybrid Multi-Region Inventory Analysis for Macro-level Environmental Policy Analysis: A Case Study on Climate Policy in Taiwan. *Environmental Science & Technology*, Vol. 47, 2512-2519. (2014 JCR IF: 5.330 )
2. **Chao, Chia-Wei**, Hwong-wen Ma, Reinout Heijungs. 2013. The Green Economy Mirage?—Examining the Environmental Implications of Low-Carbon Growth Plans in Taiwan. *Journal of Industrial Ecology*, Vol. 17, 835-845. (2014 JCR IF: 3.227 )
3. Crawford-Brown, D., Pi-Cheng Chen, Hsiu-Ching Shih and **Chia-Wei Chao**. 2013. Climate Change Air Toxic Co-Reduction in the Context of Macroeconomic Modelling. *Journal of Environmental Management*, Vol. 125, 1-6. (2014 JCR IF: 2.723 )

### B. Conference Articles

1. **Chao, Chia-Wei** and Tzu-Luen Lin, 2016. Overcoming the Spell of Industrial Competiveness- The Challenges of Fossil Fuel Subsidies Reform in Taiwan. International Workshop on The Politics of Fossil Fuel Subsidies and Their Reform, Sweden, June 16-17.
2. Chao, Chia-Wei. 2016. Engaging the Public to the Energy Policy with Taiwan 2050 Calculator. International Workshop on the 2050 Calculator, Mexico, March 14-16.
3. **Chao, Chia-Wei** and Hwong-wen Ma. 2012. Assessing the environmental and social effects of Free Trade Agreement through Life Cycle Sustainability Analysis – A case study of Economic Cooperation Framework Agreement between Taiwan and China”, The 10th International Conference on EcoBalance, Japan, November 22-25.