

Curriculum Vitae

Name	David Walther	
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Summary Statement	David is interested in Transboundary Risks and Environmental Justice includes air quality, highland water supply, electromagnetic waves, and sustainable development. His articles are mostly based on scientific and technological facts, where he first clearly explores the scientific reality of the problem, then sequentially investigates the objective realities of the society, and eventually pursues appropriate solutions at the policy and governance levels. David seeks to identify key factors in the social context of technology governance through multi-layered in-depth interviews and participant observation methods.	
Research Fields	Just Transition, Risk Governance (air quality, electromagnetic radiation and transboundary risk) , Sustainable Policy, Risk Sociology and Rural Sociology, Constructing Grounded Theory	
Academic Work Experience	<ul style="list-style-type: none"> ◆ Program Manager, Office of Net-Zero, Academia Sinica, Taiwan (2023~) ◆ Research Fellow, Risk Society and Policy Research Center, National Taiwan University ◆ Postdoctoral Fellow, Research Center for Environmental Changes, Academia Sinica, Taiwan (2022~2023) ◆ Postdoctoral Fellow, Risk Society and Policy Research Center, National Taiwan University. (2018~) ◆ Assistant Research Fellow, Risk Society and Policy Research Center, National Taiwan University. (2015~2018) ◆ Research Assistant, NTUND Center of Technology, Policy and Risk Governance. (2011~2015) 	
Affiliations and Memberships	<ul style="list-style-type: none"> ◆ Editor, Sustainability Science Journal (SCIE, 7.19) ◆ Future Earth Taipei, ECRs (2022 ~ 2023) ◆ Observer, Just Transition Consultation Meetings (by Vice-Minister), National Development Council (2022~2024) ◆ Member in Review Board (External experts in Risk Analysis), MacKay Memorial Hospital, Tai-tung (2020-2022) ◆ Member, Environment and Agriculture, New Frontier Foundation (2019 ~) ◆ Innolux AirSchool, Research Member. (2017 - 2019) 	

<p>Education</p>	<ul style="list-style-type: none"> ◆ Ph.D. in Sociology, Graduate Institute of National Development, National Taiwan University ◆ M.A. in Sociology, Graduate Institute of National Development, National Taiwan University ◆ B.A. in Agriculture, National Taiwan University (Currently Department of Bio-industry of Communication and Development) ◆ National Taiwan Normal University Affiliated Senior High School
<p>Selected Publishes</p>	<p>Journal Article and Peer Reviewed Article</p> <ol style="list-style-type: none"> 1. Chou, Kuei-Tien, <u>Walther, David</u>, Lin, Mu-Xing and Hwa-Meei Liou*(2024). Carbon Levies and Climate Change Governance Delayism. The Review of Evolutionary Political Economy. 2. <u>Walther, David</u> and Chou, Kuei-tien* (2023). <i>The Analysis on the Just Transition of Air Quality Governance- The Heavy Diessel Vehicle Protest and the Policy Disputes in Taiwan</i>. Sustainability Science. (SCIE, IF: 7.19) 3. Chou, Kuei-tien, Mu-Xing Lin, <u>Walther, David</u>* (2023). Deadlock in transition to a net-zero socially robust knowledge. <i>Environmental science and policy</i> (SCIE, IF: 6.42) 4. Chou, Kuei-tien and <u>Walther, David</u>* (2022). <i>The Air Quality Injustice in Taiwan - Just Transition as the Next Chapter of Environmental Governance in Post-Developmental States</i>. Air-pollution Governance in East Asia, Routledge Contemporary Asia Series. Routledge, London. 5. Chou, Kuei-tien, <u>Walther, David</u> and Liou, Hwa-meei* (2019). The Conundrums of Sustainability: Carbon Emissions and Electricity Consumption in the Electronics and Petrochemical Industries in Taiwan. <i>Sustainability</i>.11(20), 5664-5687. (The authors have equal contributions). (SSCI: IF: 3.25) 6. <u>Walther, David</u> and Chou, Kuei-tien. (2019). Decision-making Process and Structure of the current Policy on Air Pollution in China. A Study on the Analysis of China’s Air Pollution Policy, and Strategies for Strengthening Korea-China. KEI, Sejong. (peer reviewed article) 7. Lin, Hai-Chen, Li, Hui-Fang and <u>Walther, David</u>. (2017). Improvement of R&I Policies and Systems for Enhancing the Life Cycle Planning and Integrated Management of Research Infrastructures in Taiwan. Technology Management for Interconnected World. PICMET Portland, Oregon, USA. 8. 周桂田、<u>王瑞庚</u> (2016) 臺灣食品安全風險治理與公眾信任探討。周桂田主編：永續與綠色治理新論。韋伯，臺北。 9. <u>Walther, David</u> and Peng, Lipei.* (2015). An Actor-network Analysis of Highland Water Supply System in Metropolitan Community. <i>The Journal of Urban Planning</i>.2(42). (TSSCI). 10. <u>Walther, David</u> and Chou, Kuei-tien* (2012) . Potential health risks and risk management issues as a result of introducing WiMAX technology in Taiwan. <i>Taiwan Journal of Public Health</i>. 31(5) : 399-411. (TSSCI).

Conference and Forum Presentations

1. Lin Jiun-Da, Walther, David, Chou, Kuei-Tien and Wang, Yi-Yang* (2023).“Title Political slogans or practical commitments? An evaluation of credibility of net zero targets”, The 9th International Symposium on Environmental Sociology in East Asia (ISESEA-9), Kanto Gakuin University, 2023-11-04 ~ 2023-11-05.
2. Symposium for Environmental Sociology in East Asia 2022, Nov 2022 (Title: JUST Transition in Taiwan) <https://youtu.be/P0Mef8tARoA>
3. Future Earth ECRs, August 5, 2022 (Title: Air Quality Justice: Risk Distribution and Just Transition)
4. KAIS conference on Transboundary Air Pollution Cooperation Politics in East Asia Panel , July 1, 2021 (Title: Air Quality Injustice in Taiwan - Just Transition as the Next Chapter of Environmental Governance in Post-Developmental States)
5. KEI – RSPRC Forum, Nov, 19, 2019 (Title: Decision-making Process and Structure of the current Policy on Air Pollution in China. A Study on the Analysis of China’s Air Pollution Policy, and Strategies for Strengthening Korea-China)
6. 發展社會學年會。10月28日，國立臺灣政治大學。(題目：臺灣PM_{2.5}跨界風險知識觀點下決策與治理困境)。

Other Publishes

1. 王瑞庚、王奕陽、王涵、胡祐瑄、施怡君、趙怡萌 中心助理研究員、周桂田。(2021)。不止救北極熊和太平洋小島、氣候行動搶救你我的健康！WHO 對 COP26 提出支持氣候行動的專題報告。臺灣大學風險與社會研究中心：臺北。<https://rsprc.ntu.edu.tw/zh-tw/m01-3/climate-change/1658-who-1101223.html>
2. 王奕陽、王瑞庚。(2021)。誰家的氣候承諾最健康？國際 NDCs 健康表現大評比。臺灣大學風險與社會研究中心：臺北。<https://rsprc.ntu.edu.tw/zh-tw/m01-3/en-trans/open-energy/1657-1221-openenergy.html>
3. 王瑞庚。(2021)。初探臺灣空污、農業與社經條件不平等。臺灣大學風險與社會研究中心：臺北。<https://rsprc.ntu.edu.tw/zh-tw/m01-3/air-pollution/1615-1100911-airpollution.html>
4. 王瑞庚。(2021)。摸蚬仔兼洗褲，一兼二顧：聚焦短期氣候污染物 - 減緩暖化、保護健康。臺灣大學風險與社會研究中心：臺北。<https://rsprc.ntu.edu.tw/zh-tw/m01-3/air-pollution/1612-0908-climate-treaty-a-health-treaty.html>
5. 王舜薇、許令儒、王瑞庚。(2021)。在旱澇新常態中 與不確定共存。臺灣大學風險與社會研究中心：臺北。<https://rsprc.ntu.edu.tw/zh-tw/m01-3/climate-change/1590-climatechange-0628.html>
6. 王瑞庚。(2021)。2021 企業氣候行動追追追。臺灣大學風險與社會研究中心：臺北。<https://rsprc.ntu.edu.tw/zh-tw/m01-3/en-trans/open-energy/1568-0428-open.html>
7. 王奕陽、王瑞庚。(2021)。2020 台灣能源情勢回顧。臺灣大學風險與社

會研究中心：臺北。<https://rsprc.ntu.edu.tw/zh-tw/m01-3/en-trans/open-energy/1558-2020-open-energy-review.html>

8. 王瑞庚 (2020)。空污危機仍在，只是未爆。臺灣民主基金會。
9. 曹富威、馬鴻文、周桂田、趙家緯、王瑞庚 (2020) 探討專家共識對於未來鉅變挑戰之成效，第 32 屆中華民國環境工程學會年會暨各種專門學術研討會。
10. 王瑞庚、周桂田 (2018)。淺析空污法修法：治理效果的觀點。臺灣大學風險與社會研究中心：臺北。<http://rsprc.ntu.edu.tw/zh-tw/m01-3/air-pollution/1060-1071024-governance-view.html>
11. 周桂田、杜文苓、王瑞庚、施佳良、劉怡亭、趙家緯 (2018)。臺灣空氣品質治理展望。臺灣大學風險與社會研究中心：臺北。<http://rsprc.ntu.edu.tw/fordownload/10701/0117/2018working%20Paper.pdf>
12. 周桂田、王瑞庚 (2017)。創造電力穩定供應與乾淨能源雙贏。全球工商 717 期，工商協進會：台北。
13. 王瑞庚 (2017)。治理改革才有好空氣：美國經驗兩點參考。鉅變新視界電子報，二十二期。http://rsprc.ntu.edu.tw/zh-TW/m01-3/climate-change/76-air-pollution/846-1061208_governance-reform
14. 杜文苓、周桂田、王瑞庚 (2017)。臺灣空氣污染之風險治理與制度研究。臺灣大學風險與社會研究中心：臺北。
15. 王瑞庚、洪俊智 (2017)。空氣污染跨域問題與改善方案研議：美國經驗介紹。鉅變新視界電子報，二十期。http://rsprc.ntu.edu.tw/zh-TW/m01-3/climate-change/76-air-pollution/699-10606_20-air-pollu-cross-bound
16. 洪俊智、王瑞庚 (2017)。PM2.5 跨域污染之改善研議：以臺灣南投為例。鉅變新視界電子報，十九期。http://rsprc.ntu.edu.tw/zh-TW/m01/climate-change-energy-transformation/air-pollution/624-0329_air-pollution-cross-regional-pollution-improvement-nantou
17. 王瑋彤、王瑞庚 (2017)。臺灣空氣污染微型監測之現行建置盤點 (一)。鉅變新視界電子報，十九期。http://rsprc.ntu.edu.tw/zh-TW/m01/climate-change-energy-transformation/air-pollution/622-0329_air-pollution-micro-sensor-citizen-science
18. 周桂田、王瑞庚 (2016) 輪到誰來犧牲？臺灣經濟發展過程之環境、生態與社會風險。王震震、簡旭伸主編：發展社會學。巨流：臺北。
19. 王瑞庚 (2015)。臺灣應針對細懸浮微粒 (PM2.5) 進行跨域治理。鉅變新視界電子報，十一期。<http://rsprc.ntu.edu.tw/en/air-pollution/263-pm2-5-governance>
20. 周桂田、王瑞庚 (2015)。臺灣 4G 通訊科技潛在健康風險治理。臺灣風險公共性考察，周桂田 主編，329-351 頁。台北：遠流。
21. 陳明俐、紀凱齡、羅愛雁、呂成凱、黃意丹、滕曉峯、廖文如、詹德譯、王瑞庚 (2015)。知識產業化策略路徑分析。國家實驗研究院，技術報告。(有審查)
22. 周桂田、王瑞庚 (2014)。全球化風險社會下的兩岸經貿風險評估。全球工商 675 期，工商協進會：台北。
23. 劉華美、周桂田、王瑞庚 (2014)。歐盟科技研發政策。台北：台灣大學社會科學院風險社會與政策研究中心。
24. 王瑞庚 (2014)。細懸浮微粒 (PM2.5)：風險治理新挑戰。鉅變新視界電子報，五期。http://rsprc.ntu.edu.tw/zh-TW/m04/21-articles-category/technology-governance/112-fine-suspended-particles_a-new-risk-

[management-challenges](#)

25. 邱錦田、紀凱齡、陳明俐、王瑞庚、劉文蠲、黃詩茵 (2013)。國際科技評估模式綜覽。國家實驗研究院，技術報告。(有審查)
26. Liu, Hua-Mei, chou, Kuei-Tien and walther, david.(2012). EU Technology Policy. EU soft Power Conference. NTUSC,1st conference room, Taipei.
27. Chou,Kuei-tien and Walther,David (2011) .The Deepening Distrustful Society without Risk Communication - A Comparison of Public Risk Perception on GMO in 2004 and 2011 in Taiwan.2012 International Conference on Biomedical Ethics and East Asian Confucian Traditions.Taipei, NTU.
28. Chou, Kui-Tien, Chan,Chang-Chuan, Chen,Ya-Mei, and Walther,david.(2011). BSE contamination beef debate in Taiwan – an investigation on risk ,anagement and communication in Taiwan. Ministry of Education of R.O.C.
29. Chen,Ya-Mei, Chan,Chang-Chuan and Walther,david.(2011). Health and Society – ADHD as an example. Ministry of Education of R.O.C.
30. Walther, David.(2010). Investigation on the Technology Governance of WiMAX Technology Developing Policy in Taiwan–The Technology Policy-making Model of Scientific Debate and Risk Governance Disregarded. NTUND conference of dissertation, National, Taiwan University.
31. Chou,Kuei-Tien. and Walther, David.(2009).-- Investigation on the Technology Governance of WiMAX Technology Developing Policy in Taiwan–The Technology Policy-making Model of Scientific Debate and Risk Governance Disregarded 2009, 1st *Conference of Taiwan Society for Risk Analysis (TSRA) and Taiwan Chapter of Society for Risk Analysis*, China Medical University, Taichung, Taiwan.