

Dr. Jo-Ting Huang-Lachmann

Personal Data

Name: Jo-Ting Huang-Lachmann
Birth name: Jo-Ting Huang
Date of Birth: October 15th, 1987
Place of Birth: Taichung, Taiwan
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Education

2021 PhD (Dr. rer. pol.)
Chair of Sustainability Management and Environmental Accounting,
Faculty of Business and Economics, TU Dresden, Germany
Thesis: Money Talks but Actions Speak Louder: Benefits Motivating
Cities to Adapt to Climate Change
Supervisor: Prof. Dr. Edeltraud Günther
Second supervisor: Prof. Dr. Georg Hirte

2017 Visiting Researcher
School of Geography, University of Leeds, UK

2012 Master of Science
Environmental and Energy Management at the Faculty of
Management and Governance of the University of Twente, The
Netherlands
Supervisor: Prof. Dr. Jon Lovett

Work Experience

03/19 – present Climate Service Center Germany (GERICS), Helmholtz-Zentrum
Hereon, Hamburg, Germany

- Scientist and project manager for the EU-funded project 'INNOVA: Innovations in climate service provision'
- Development of international research projects on integrated research for climate change, health, adaptation and resilient societies

01/18 – 02/19 National Science and Technology Center for Disaster Reduction
(NCDR), Taiwan

- Coordinator (freelancer basis) for the Delegation of NCDR/TCCIP (Taiwan Climate Change Projection and Adaptation Information Platform) to visit German institutions
- Contact person for international collaborations to German institutions

09/12 – 12/18 Chair of Sustainability Management and Environmental Accounting,
Faculty of Business and Economics, TU Dresden, Germany

- Research Associate for REGKLAM project: Development and testing of an integrated regional climate adaptation program for the model region Dresden (until end of 2013)

- Doctoral research project on economics of climate adaptation in cities (from 2014 onwards)
- 01/14 – 11/14 Climate Service Center Germany/Hemholtz-Zentrum Geesthacht, Centre for Materials and Coastal Research, Germany
- Working for the research project of 'Transdisciplinary communication processes'
 - Hosting a workshop on transdisciplinary dialog between science and practice
- 07/11 – 08/11 Hemholtz-Zentrum Geesthacht, Centre for Materials and Coastal Research, Germany
- Intern in LOICZ IPO (Land-Ocean Interactions in the Coastal Zone)
 - Research topic: Risks and Opportunities of Climate Change in Hamburg
- 09/10 – 06/11 Asia Environmental Technical Corp., Taiwan
- Part-time project assistant for developing mitigation policy for Chiayi County, Taiwan
 - Assisting the Low-Carbon Office in New Taipei City, Taiwan
- 09/10 – 06/11 Graduate Institute of Environmental Education, National Taiwan Normal University, Taiwan
- Part-time project assistant for Green University Project
 - Carrying out research focusing on environmental education for adaptation to climate change
- 11/08 – 12/10 Environmental Protection Bureau, Kaohsiung City Government, Taiwan
- Intern and student representative
 - Coordination with ICLEI—Local Governments for Sustainability
 - Collection of climate mitigation and adaptation cases for local climate policy planning
 - Kaohsiung City Government Delegation to participate and present in UNFCCC COP 14, 15 and 16

List of publications

Publications (peer reviewed)

Swart, R., Celliers, L., Collard, M., Prats, A. G., Huang-Lachmann, J. T., Sempere, F. L., ... & Timmermans, W. (2021). Reframing climate services to support municipal and regional planning. **Climate Services**, 22, 100227.

Huang-Lachmann, J.T. and Guenther, E., 2020. From Dichotomy to an Integrated Approach: Cities' Benefits of Integrating Climate Change Adaptation and Mitigation. **Sustainability**, 12(18), p.7591. <https://doi.org/10.3390/su12187591>

Gulizia, C., Langendijk, G., Huang-Lachmann, J.T., de Amorim Borges, P., Flach, R., Githaiga, C. and Rahimi, M., 2020. Towards a more integrated role for early career researchers in the IPCC process. **Climatic Change**, 159(1), pp.75-85. <https://doi.org/10.1007/s10584-019-02604-5>

Huang-Lachmann, J.-T., 2019, "Systematic review of smart cities and climate change adaptation", **Sustainability Accounting, Management and Policy Journal**, Vol. 10 No. 4, pp. 745-772. <https://doi.org/10.1108/SAMPJ-03-2018-0052>

Huang-Lachmann, J.-T., Hannemann, M., & Guenther, E., 2018. Identifying links between economic opportunities and climate change adaptation: Empirical evidence of 63 cities. **Ecological Economics**, 145: 231-243. doi:10.1016/j.ecolecon.2017.09.001

Huang-Lachmann, J.-T., & Lovett, J. C., 2016. How cities prepare for climate change: Comparing Hamburg and Rotterdam. **Cities**, 54: 36-44. doi:10.1016/j.cities.2015.11.001

Published books and documents

Brinkmann, C., Bergmann, M., Huang-Lachmann, J.-T., Rödder, S., & Schuck-Zöller, S., 2015. Zur Integration von Wissenschaft und Praxis als Forschungsmodus - Ein Literaturüberblick. Report 23, Climate Service Center Germany, Hamburg

Brinkmann, C., Schuck-Zöller, S., Bergmann, M., Huang-Lachmann, J.-T., & Rödder, S., 2015. Die Einbindung von Praxisakteuren in transdisziplinärer Forschung als sozialer Prozess. In: H. Korn, K. Bockmühl, & R. Schliep (Eds.), Biodiversität und Klima: Vernetzung der Akteure in Deutschland XI. – Ergebnisse und Dokumentation der 11.Tagung. BfN-Skripten 389: 76-79.

DIN SPEC 35810: 2014-11, Stakeholder Engagement - Guidelines for decision making processes dealing with climate change. (Initiator: TU Dresden, Chair of Environmental Management and Accounting. Content coordination: Jo-Ting Huang)

Conference presentations

Huang-Lachmann, J.-T., 2018. Systematic Review of Climate Adaptation Benefits in Cities, 15th Congress of the International Society for Ecological Economics, 12 September 2018, Puebla, Mexico. (Oral Presentation)

Gulizia, C., Langendijk, G., Huang-Lachmann, J.-T., De Amorim, P.B., Rahimi, M., Flach, R., Githaiga, C., 2018. Towards a more integrated role for early career researchers in the IPCC process, Deutschen IPCC-Jahrestagung, 26-27 February, Nauen, Germany. (Poster)

Huang-Lachmann, J.-T., 2017. Benefits and Opportunities of Climate Adaptation in Cities: Findings of Systematic Literature Review. 21th Conference of the Environmental and Sustainability Management Accounting Network (EMAN): Sustainability Accounting and Control for Smart Cities, 27-29th June, Liège, Belgium. (Oral Presentation)

IPCC-Future Earth-PROVIA Workshop on "Integrated research on climate risk and sustainable solutions across IPCC working groups: Lessons learnt from the AR5 to support the AR6" on 29-31 August 2016, Stockholm, Sweden. (contributed to Regional Task Group)

[Report](#)

Huang, J.-T.; Bergmann, M; Brinkmann, C.; Rödder, S.; Schuck-Zöller, S., 2014, Transdisciplinary communication processes supporting integration strategies—overview of approaches in climate change adaptation. REKLIM Conference, Berlin, Germany (Oral presentation)

Huang, J.-T.; Bergmann, M; Brinkmann, C.; Rödder, S.; Schuck-Zöller, S., 2014, Transdisciplinary communication and stakeholder integration in climate change adaptation, 14th EMS/ 10th ECAC Conference, Prague, Czech Republic (Poster)

Huang, J.-T.; Lovett, J., 2014, Transforming Climate Change Risks into Opportunities: Cases of Cities Showing Synergies in Mitigation, Adaptation and Energy. Cities, Energy and Climate Change Mitigation conference, Leeds, UK. (Oral Presentation)

Huang, J.-T.; Guenther, E., 2013, Cost and choice - how economic incentives drive cities to adapt to climate change despite uncertainty. Interdisciplinary Conference of Young Earth System Scientists. Hamburg, Germany. (Oral Presentation and Poster)

Huang, J.-T., 2013, Assessing Benefits of Local Climate Change Adaptation—Linkage between Environmental Performance in Climate Adaptation and Economic Performance in Cities, Porter and Eco-innovation Workshop, Leeds, UK. (Poster)

Huang, J.-T.; Guenther, E., 2013, Economic opportunities in climate change adaptation: case study of cities. Climate Change and Regional Response 2013, Dresden, Germany (Oral Presentation)

Huang, J.-T.; Guenther, E., 2013, Climate Change as Opportunities for Cities—Innovations in Adaptation Policy. Conference: Improving energy access through climate finance: picking the winners. University of Twente, the Netherlands (Oral Presentation)

Huang, J.-T.; Lovett, J., 2012, A theoretical model of the Porter hypothesis and institutional economics: climate change adaptation in Hamburg and Rotterdam. 6. Workshop on Social Sciences in Climate Change Adaptation. University of Kassel, Germany. (Oral Presentation)

Fellowships and Awards

27/06/2017 – 29/06/2017	Travel Awards for Conferences received from Graduate Academy, TU Dresden, Germany (800 Euro)
03/04/2017 – 13/05/2017	Travel Grants for short-term research stays Award from Graduate Academy, TU Dresden, Germany for research stay at School of Geography, University of Leeds, UK (3000 Euro)
01/04/2014 – 31/03/2017	DAAD Doctoral Scholarship for Doctoral Project at Chair of Environmental Management and Accounting, Faculty of Business and Economics, TU Dresden, Germany (36000 Euro)
01/09/2011 – 31/08/2012	DELTA/NTIO Joint Environmental Scholarship, Taiwan-The Netherlands for Master of Environmental and Energy Management, University of Twente, the Netherlands (7000 Euro)
01/07/2011 – 30/08/2011	National Science Council/DAAD Summer Institute Program, Taiwan-Germany for research at Helmholtz-Zentrum Geesthacht, Germany (3400 Euro)
Yearly Award of 2010	Mutstanding Award of Technological and Vocational Education, Ministry of Education, Taiwan

Yearly Award of 2010 National Youth Contribution Award of International Participation in Individual Category, Executive Yuan, Taiwan

20/06/2010 – 26/08/2010 International Affairs Training Program, Ministry of Foreign Affairs, Taiwan for summer sessions at UCLA (University of California, Los Angeles), USA (4500 Euro)

Funded Travels to International Conferences

28/06/2018 – 29/06/2018 Early Career Scientist Representative, Future Earth Risk KAN Meeting, Paris, France

22/01/2018 – 24/01/2018 Early Career Network of Networks 2018 Meeting, London, UK

22/11/2017 – 25/11/2017 Early Career Scientist Representative, Future Earth Risk KAN Scoping Workshop and Resilience Forum, Tokyo, Japan

17/03/2017 – 23/03/2017 Early Career Scientist Representative, Future Earth Science and Engagement Committee Meeting, Montreal, Canada

29/08/2016 – 31/08/2016 Early Career Scientist Representative selected by WCRP (WMO World Climate Research Program), IPCC-Future Earth-PROVIA Workshop: identifying the gaps to be addressed in AR6, Stockholm, Sweden

31/10/2011 – 02/11/2011 Panellist in Session of Barriers and Bridges, Integrated Research on Disaster Risk (IRDR) Conference 2011: Disaster Risk: Integrating Science and Practice, Beijing, China

03/06/2011 – 05/06/2011 Representative of Kaohsiung City Government to attend Resilient Cities 2011— The Annual Global Forum on Urban Resilience and, Bonn, Germany

04/12/2010 – 12/12/2010 Representative of Kaohsiung City Government to attend U.N. Framework Convention on Climate Change COP 16, Cancun, Mexico

28/05/2010 – 30/05/2010 Representative of Kaohsiung City Government to attend Resilient Cities 2010—First World Congress on Cities and Adaptation to Climate Change, Bonn, Germany

07/12/2009 – 18/12/2009 Representative of Kaohsiung City Government to attend U.N. Framework Convention on Climate Change COP 15, Copenhagen, Denmark and Presenter in the session of ICLEI—Local Government Climate LOUNGE: “Kaohsiung City: Towards a Sustainable Future”, Denmark

09/11/2009 – 15/11/2009 Delegate of Chinese Taipei to attend APEC (Asia-Pacific Economic Cooperation), Singapore

01/07/2010 – 30/08/2010 Representative of Kaohsiung City Government to attend U.N. Framework Convention on Climate Change COP 14, Poznan, Poland

Teaching Activities

From 2018 on	Several trainings on the topic of climate change adaptation <ul style="list-style-type: none">▪ Kaohsiung City Government, Taiwan▪ NCDR/TCCIP, Taiwan
16/06/2014 – 27/06/2014	Stakeholder Engagement (ICREP Short Course: Formulating Project Proposals For Climate Change Mitigation And Clean Energy), University of Twente, the Netherlands
16/06/2014 – 27/06/2014	Mitigation and Adaptation to Climate Change (ICREP Short Course: Formulating Project Proposals For Climate Change Mitigation And Clean Energy), University of Twente, the Netherlands
16/06/2014 – 27/06/2014	Proposal Writing and Project Management (ICREP Short Course: Formulating Project Proposals For Climate Change Mitigation And Clean Energy), University of Twente, the Netherlands
15/10/2013 – 31/03/2014	Content Analysis, Faculty of Business and Economics, TU Dresden, Germany
01/10/2013 – 01/10/2013	Climate Change and Climate Change Policy, Master of Environmental and Energy Management, University of Twente, the Netherlands
01/10/2012 – 31/03/2013	Teaching Case Seminar on Topic of Climate Change Adaptation in the City Governments, Faculty of Business and Economics, TU Dresden, Germany

Organization of scientific meetings

25/11/2014 – 26/11/2014	Workshop coordinator, Dialogue between Science and Practice, Hamburg, Germany (scientific workshop, 70 participants)
23/03/2011 – 25/03/2011	Organizing committee member, 2011 International Forum for a Low Carbon Vision, Taipei, Taiwan (scientific conference, 200 participants)

Reviewer

Nature Urban Sustainability

International Journal of Sustainable Energy Planning and Management

Science of the Total Environment

Sustainability Accounting, Management and Policy Journal

International Science Council proposals

Project proposals

EU FP7, Horizon 2020, Horizon Europe, European Science Fund, BMBF (The Federal Ministry of Education and Research in Germany)

Supervision

Resilience of Climate Change in Cities (Technische Universität Dresden)

Memberships

09/01/2019 – present Scientific Committee of Future Earth Knowledge Action Network on Emergent Risks and Extreme Events (Risk KAN)

15/05/2017 – 2019 Executive Committee Member of The Young Earth System Scientists (YESS) Community

06/09/2016 – 2019 Council Member of The Young Earth System Scientists (YESS) Community

Linguistic Skills

English	full professional proficiency
German	professional working proficiency
Chinese	native proficiency
Taiwanese	native proficiency

General Skills

Microsoft Office, RQDA, RetScreen, Tableau, MAXQDA, cost-benefit and cost-effective analysis, multi-criteria analysis

Hobbies

Bike tours, Ukulele, camping, snorkeling

17.01.2022

