

Curriculum vitae

PERSONAL INFORMATION

Family name, First name: **Otto, Ilona Magdalena**

Researcher unique identifier (ORCID): 0000-0003-4935-7660

Citizenship: Polish and German

Website: <https://www.pik-potsdam.de/members/banaszak/>

Research interests:

- Sustainability transformation, social tipping, and rapid social change
- Carbon inequalities, social differentiation theories
- Institutions and governance of the climate crisis, biodiversity management
- Novel methods and tools
- Human-environment system modelling

• EDUCATION

- 2012 – 2017 Habilitation (German higher education teaching qualifications), Humboldt University of Berlin, Germany; Faculty of Life Sciences, Division of Resource Economics. Topic: New forms of governance and polycentricity in complex social-ecological systems: Theoretical and methodological approaches and challenges”
- 2009 Training in Advanced Econometrics, Manshold Graduate School, Wageningen University, The Netherlands
- 2003 – 2007 PhD, Faculty of Agriculture and Horticulture, Division of Resource Economics, Humboldt University of Berlin, Germany; Supervisor: Prof. Dr. Dr. h.c. Konrad Hagedorn. Topic: “Success and Failure of Cooperation in Agricultural Markets. Evidence from Producer Groups in Poland”
- 2003 – 2004 PhD training in Economics, National University of Ireland, Galway, Ireland
- 1998 – 2003 Master, Faculty of Social Sciences, Department of Sociology, Adam Mickiewicz University Poznan, Poland. Topic: “Modern Classes of Agricultural Workers in the Netherlands”
- 2002 Exchange Program, School of Social Sciences, Erasmus University Rotterdam, The Netherlands

• CURRENT POSITIONS

- 2020 – present Professor in Societal Impacts of Climate Change, Wegener Center for Climate and Global Change, University of Graz, Austria
- 2019 – present Principal Investigator (part-time), CASCADES Project: Cascading Climate Risks: Towards Adaptive and Resilient European Societies, Potsdam Institute for Climate Impact Research, Potsdam, Germany

• PREVIOUS POSITIONS

- 2012 – 2020 Lecturer, Privat Dozent, Faculty of Life Sciences, Department of Resource Economics, Humboldt University of Berlin, Germany
- 2015 – 2019 Research Associate, Earth System Analysis, Co-evolutionary Pathways Research Group, Potsdam Institute for Climate Impact Research, Germany
- 2014 – 2015 Visiting Researcher, School of Public Affairs, Zhejiang University, Hangzhou, China
- 2010 – 2015 Post-doctoral Researcher, Climate Impacts and Vulnerabilities, Potsdam Institute for Climate Impact Research, Germany
- 2007 – 2010 Marie Curie Post-doctoral Researcher, Institute for Forecasting, Slovak Academy of Sciences, Bratislava, Slovakia
- 2007 Junior Researcher, Polish Academy of Sciences, Poznan, Poland

• **PROJECTS AND FELLOWSHIPS**

- 2020 – 2023 Research funding: REBOOST: A Boost to Rural Lignite Regions, Climate KIC (PI, Project Coordinator)
- 2019 – 2023 Research funding CASCADES: Cascading Climate Risks: Towards Adaptive and Resilient European Societies, Horizon 2020 (Co-PI and Co-coordinator)
- 2018 – 2020 Erasmus+ Jean-Monet Module: Instruments of the EU Environmental Policy (Partner)
- 2015 – 2019 EarthDoc Fellowship in the Earth League alliance
- 2018 Best paper award, Visiting Program, Zhejiang University, Hangzhou, China
- 2014 Research funding for Modelling Impacts on Climate Change on Poverty (Co-PI), The World Bank
- 2014 Research funding WaterLab: River Basin Management Games Supporting Adaptation to Climate Change and Public Participation in Water Policy (PI), National Natural Science Foundation, China
- 2010-2013 Research funding, Sustainable Water and Agricultural Land Use in the Guanting Watershed under Limited Water Resources, German Ministry of Education and Research and Chinese Ministry of Science and Technology (Lead Socio-economic Research Group)
- 2007 – 2010 Marie Curie Post-doctoral Fellowship funded by the European Commission
- 2002 – 2003 Outstanding Student Award, Polish Ministry of Education, Poland

• **TEACHING ACTIVITIES**

- 2013 – 2019 **Climate and Energy Management**; Faculty of Life Sciences, Humboldt University Berlin, Germany
- 2013 – 2020 **Advanced Empirical Methodology for Social-Ecological System Analysis**, Faculty of Life Sciences, Humboldt University Berlin, Germany
- 2018 – 2020 Lecturer in a Program on **Global Change - Concepts, Modelling and Impacts**, Hochschule für nachhaltige Entwicklung, Eberswalde, Germany
- 2019 Lecturer in a program on **Climate Change and Health: A Case for Transformation**, Center for International Health, LMU Munich, Germany
- 2019 Visiting Lecturer, **Instruments of the EU Environmental Policy**, Kharkov National University, Ukraine
- 2014 Visiting lecturer, **Economics of Sustainable Development**, College of Law, Commerce and Public Policy, Incheon National University, South Korea
- 2009 – 2010 Visiting lecturer, **International Trade; Management of Organization**; ESC Business School, Dijon, France
- 2009 Supervision of a Student Project on the **Development of an Early Warning System**, Adam Mickiewicz University, Faculty of Mathematics and Computer Sciences, Poznan, Poland
- 2008 **Climate Change, Science, Power and Politic**; Uppsala University, Uppsala, Sweden

• **SUPERVISION OF GRADUATE STUDENTS**

- 2019 Master Thesis, Peter Hatz, “Development of Sustainability Indicators for Organizations and Business” Köln International School of Design, Technical University, Köln, Germany
- 2019 Master Thesis, Britta Grahan-Hyde, “Attitudes and assessment of investors with regard to divestment form fossil fuel assets”. University of London Centre for Development, Environment and Policy, School of Oriental and African Studies, UK
- 2019 Master Thesis, Philipp Cesnkowsky, „Livelihoods, ecosystems provisioning services and social differentiation: An empirical study of KwaZulu-Natal, South Africa (1993-2011)” University of the Witwatersrand, South Africa and Université Paris VII and XII, France
- 2019 Master Thesis, Lena Pfeifer, Impacts of Changing Climate and Weather on Concern about Climate Change and Willingness to Mitigate in Moderate Climates: A Spatio-Temporal Analysis TU Berlin, Germany. Master Thesis, Sami Deweerdt, The oil and gas industry and climate governance: An institutional perspective, ESCP Europe, Campus Berlin, Germany
- 2018 Master Thesis, Antonia Schuster, Differentiating Socio-metabolic Classes in the German Society, Division of Resource Economics, Faculty of Life Sciences, Humboldt University

- Berlin, Germany; Humboldt International Office Travel Grant Award, Thayer Institute Best Master Thesis Award
- 2018 Master Thesis, Sebastian Heinz, The Influence of Uncertainty on Common Pool Resource Management, Technical University München, Germany; Best Thesis Award sponsored by the Audi Environment Foundation
- 2018 Master Thesis, Kyoung Mi Kim, Life style carbon Emissions of the Super-rich, Environmental Economics, Cottbus Technical University, Germany
- 2013 – 2016 PhD Thesis, Pham Thanh Lan, Climate Change Impacts on Rice Production in Vietnam, Faculty of Life Sciences, Humboldt University Berlin, Germany; Suma cum laude
- 2011 – 2012 Master Thesis, Xiaoxi Wang, Institutional Analysis of Water Governance in Northern China, Faculty of Agriculture and Horticulture, Humboldt University Berlin, Germany
- 2008 – 2009 Master Thesis, Emma Saavedra, The Impacts of International Cooperation on Rural Producer Organizations. The Case Study of a Dairy Association in Bolivia, Faculty of Agriculture and Horticulture, Humboldt University Berlin, Germany

• MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2019 – present EarthDoc Alumni in the *Earth League* alliance
- 2019 – present Affiliated Scholar, Group in Resource Economics, Humboldt University of Berlin
- 2018 – present Member, *International Association for the Study of the Commons*
- 2014 – present Affiliated Fellow, Berlin Workshop in Institutional Analysis of Social-Ecological Systems
- 2014 – 2019 Member of the International Academic Affairs Committee of the College of Law, Commerce and Public Affairs, Incheon National University, South Korea

• REVIEWING ACTIVITIES

- 2012 – present PhD and Master theses reviewer, Humboldt University, Department of Resource Economics
- Reviewer for the following scientific journals: *Ecological Economics*, *Land Use Policy*, *Advanced in Climate Change Research*, *Physica A*, *Sustainability*, *Geoforum*, *International Journal of the Commons*, *IPCC Special Report on Climate Change and Land*

• ORGANISATION OF SCIENTIFIC MEETINGS

- 2017 “Transformation Now!” Earth League Conference; Main organizer; Approx. 100 international participants; Potsdam, Germany
- 2016 Expert Workshop on “Social Tipping Elements Instrumental for Decarbonization”, Main Organizer, Approx. 20 participants; Stockholm Resilience Centre, Stockholm, Sweden
- 2009 Special Thematic Session on “Institutional Dimensions of Adaptation to Climate Change”, Main Organizer, Approx. 50 participants; 8th International ESEE Conference on Transformation, Adaptation and Innovation for Sustainability, Ljubljana, Slovenia

• INVITED TALKS

- 2020 Post Carbon Transition Seminar, Oxford Martin School, University of Oxford, UK, talk “Social tipping dynamics for stabilizing Earth’s climate by 2050”.
- 2019 HERE Technologies, Berlin, a brown bag seminar talk „Why should business and industry be concerned about climate change: Cascading climate change risks”.
- 2019 Woche der Nachhaltigkeit, Otto-Friedrich-Universität Bamberg, Germany. A public talk on “Climate change: Past, present, future. Activating social tipping dynamics for a sustainability transformation”
- 2019 MayDay Rooms, London, a public talk on “Climate change and environmental inequalities”
- 2019 ACUD – Art Centre Berlin, Germany; member of a panel discussion “What is wealth”
- 2018 Conservation International meeting, Potsdam, Germany; a talk on “Social levers for disruptive change”
- 2018 ACUD – Art Centre Berlin, Germany; a public talk on “Shift the focus from the super-poor to the super-rich”
- 2018 China Workshop on Institutional Analysis of Social-Ecological Systems Hangzhou, China; Keynote presentation “Social tipping dynamics for stabilizing Earth’s climate by 2050”
- 2017 Praxis Europa partnership, Essen, Germany, invited talk “Social tipping elements instrumental for decarbonization by 2050”

- **SELECTED CONFERENCE PRESENTATIONS**

- 2019 13th Conference of the International Society for Industrial Metabolism, Berlin, Germany: “Socio-Metabolic Class Theory: Developing a Novel Social Stratification Approach Using German Population Survey Data”
- 2018 Utrecht Conference on Earth System Governance, The Netherlands: “Social tipping dynamics for stabilizing Earth’s climate by 2050”
- 2017 Resilience Frontiers for Global Sustainability Conference, Stockholm, Sweden: “Social Tipping Elements Instrumental for Decarbonization by 2050”
- 2011 9th International Conference of the European Society for Ecological Economics, Istanbul, Turkey; Organization of a special session on “Multiple Methods Analyzing the Complexity of Human Behavior and the Interactions with Socio-Ecological Systems”
- 2009 International Scientific Congress on Climate Change: Climate Change, Global Risks, Challenges and Decisions, Copenhagen, Denmark, “The Role of Shared Mental Models for Adaptation Policies”
- 2009 13th Annual Conference of the International Society for New Institutional Economics, University of California, Haas School of Business, Berkeley, USA, “New Modes of Governance on Agricultural Markets”
- 2008 12th Biennial Conference of the International Association for the Study of Commons (IASC), Cheltenham, England, “Institutions for the Global Commons under the Transformation”
- 2008 Greening Asian Growth - Economic Transition and Sustainable Agricultural Development in East and Southeast Asia, Asia Link Program Conference, Nanjing, China, “New Modes of Governance in Agricultural Market”

- **SOFTWARE**

Ms Office; Stata; R; Nvivo

- **LANGUAGES**

Polish (native); English (fluent); Germany (fluent); Russian (intermediary)