

CURRICULUM VITAE

JÖRG ANKEL-PETERS

CONTACT INFORMATION

Office: RWI, Climate Change and Development
Hohenzollernstraße 1-3, 45128 Essen, Germany
Phone: +49 201 81 49-2 47
peters@rwi-essen.de

PROFESSIONAL EXPERIENCE

2021 – Present Co-Head of Department “Climate Change & Development” at RWI
2017 – Present Professor at University of Passau (“Honorarprofessor”)
2015 – 2021 RWI, Head of Research Group “Climate Change in Developing Countries”
2014 – 2017 Visiting Associate Professor, University of the Witwatersrand, Johannesburg
2005 – 2015 Researcher, RWI, Environment and Resources
1999 – 2004 Research Assistant, Department of Statistics and Econometrics, University of Cologne

AFFILIATIONS & MEMBERSHIPS

2021 – Present Affiliate, Energy Access Project, Duke University
2020 – Present Co-Editor, World Development Perspectives, Elsevier
2019 – Present Verein für Socialpolitik, Development Economics („Ausschuss für Entwicklungsländer“)
2021 – Present Research Associate, Duke Energy Access Project,
2016 – Present Research Associate, Environment for Development, University of Gothenburg
2016 – Present Research Associate, Sustainable Energy Transitions Initiative, Duke University

EDUCATION

2010 PhD Economics (Dr. rer. oec.), Ruhr-University Bochum
Supervisor: Prof. Dr. Christoph M. Schmidt
Doctoral thesis: “Fueling Development – Evaluating Electrification Interventions and Energy Policies” (summa cum laude)
1997 – 2004 Economics at University of Cologne (Diplom Volkswirt)
2000 – 2001 Decision Theory and Micro-Economics at ENS de Cachan, Paris

IN-COUNTRY WORK EXPERIENCE

Benin, Burkina Faso, Ethiopia, Ghana, Germany, Indonesia, Mexico, Nepal, Netherlands, Rwanda, Senegal, South Africa, Tanzania, Uganda.

MEDIA COVERAGE & OP-EDS

The Economist (see [here](#) and [here](#)), Frankfurter Allgemeine Zeitung (see [here](#), [here](#) and [here](#)), Die Zeit (see [here](#) and [here](#)), Süddeutsche Zeitung (see [here](#))

The Conversation, How solar kits and battery lamps are replacing kerosene across Africa. See [here](#).

The Conversation, How electricity changes lives: a Rwandan case study. See [here](#).

The Conversation, Grid or solar: looking for the best energy solution for the rural poor. See [here](#).

IMPLEMENTATION PARTNERS, POLICY INTERACTION AND CONSULTANCY

World Bank, World Health Organization, Millennium Challenge Cooperation (MCC), Netherlands Enterprise Agency (RVO), Netherlands Development Bank (FMO), Netherlands Ministry of Foreign Affairs, German International Cooperation (GIZ), Kreditanstalt für Wiederaufbau (KfW), UKAid, MasterCard Foundation, CARE Canada, Habitat International, Government of Senegal, Government of Rwanda, Government of Indonesia, International Initiative for Impact Evaluation (3ie).

CITATIONS AND RANKINGS

Google Scholar (October 2022): 3,317 citations. h-Index 28. i10-Index 36.

IDEAS/RePEc Top 6% Authors globally (Last 10 Years Publications)

PUBLICATIONS

Articles in economics journals

Lenz, L., Bensch, G., Chartier, R., Kane, M., Peters, J. and Jeuland, M., 2022. Releasing the killer from the kitchen? Ventilation and air pollution from biomass cooking. *Development Engineering*, forthcoming.

Andor, M.A., A. Gerster and J. Peters (2022). Information Campaigns for Energy Conservation. *European Economic Review* 44: 104094.

Grimm, M., L. Lenz, J. Peters, and M. Sievert (2020). Demand for off-grid solar electricity—Experimental evidence from Rwanda. *Journal of the Association of Environmental and Resource Economists* 7 (3): 417-454.

Andor, M.A., A. Gerster, J. Peters and C.M. Schmidt (2020). Social norms and energy conservation beyond the US. *Journal of Environmental Economics & Management* 103: 102351.

Bensch, G. and J. Peters (2020). One-off Subsidies and Long-Run Adoption – Experimental Evidence on Improved Cooking Stoves in Senegal. *American Journal of Agricultural Economics* 102 (1): 72-90.

Peters, J., J. Langbein, and G. Roberts (2018). Generalization in the Tropics – Development Policy, Randomized Controlled Trials, and External Validity. *World Bank Research Observer* 33 (1): 34-64.

Grimm, M., A. Munyehirwe, J. Peters and M. Sievert (2017). A First Step Up the Energy Ladder? Low Cost Solar Kits and Household's Welfare in Rural Rwanda. *World Bank Economic Review* 31(3): 631-649.

Lenz, L., A. Munyehirwe, J. Peters and M. Sievert (2017). Does Large Scale Infrastructure Investment Alleviate Poverty? Impacts of Rwanda's Electricity Access Roll-Out Program. *World Development* 89 (17): 88-110.

Peters, J., J. Langbein and G. Roberts (2016). Policy Evaluation, Randomized Controlled Trials, and External Validity – A Systematic Review. *Economics Letters* 147: 51-54.

Peters, J. and M. Sievert (2016). Impacts of Rural Electrification Revisited – The African Context. *Journal of Development Effectiveness* 8 (3): 327-345.

- Bensch, G., M. Grimm and J. Peters (2015). Why do Households forego high Returns from Technology Adoption? Evidence from Improved Cooking Stoves in Burkina Faso. *Journal of Economic Behavior & Organization* 116: 187-205.
- Bensch, G. and J. Peters (2015). The Intensive Margin of Technology Adoption - Experimental Evidence on Improved Cooking Stoves in Rural Senegal. *Journal of Health Economics* 42: 44-63.
- Bensch, G. and J. Peters (2013). Alleviating Deforestation Pressures? Impacts of Improved Stove Dissemination on Charcoal Consumption in Urban Senegal. *Land Economics* 89 (4): 676-698.
- Bensch, G., J. Kluve, and J. Peters (2011). Impacts of Rural Electrification in Rwanda. *Journal of Development Effectiveness* 3 (4): 567-588.
- Peters, J., C. Vance and M. Harsdorff (2011). Grid Extension in Rural Benin – Micro-Manufacturers and the Electrification Trap. *World Development* 39 (5): 773-783.
- Frondel, M., J. Peters and C. Vance (2008). Identifying the Rebound: Evidence from a German Household Panel. *Energy Journal* 29 (4): 154-163.

Articles in other peer-reviewed journals

- Brüderle, M.A., Peters, J. and Roberts, G., 2022. Weather and crime: Cautious evidence from South Africa. *Q Open, forthcoming*.
- Rose, J., G. Bensch, A. Munyehirwe, J. Peters (2022). The Forgotten Coal: Charcoal Demand in Sub-Saharan Africa. *World Development Perspectives* 25.
- Peters, J. (2021). Replikationskrise (?). *Kölner Zeitschrift für Soziologie und Sozialpsychologie (KfSS)* 73 (2): 311-314.
- Bensch, G., M. Jeuland, J. Peters (2021). Efficient Biomass Cooking in Africa for Climate Change Mitigation and Development. *One Earth* 4 (6): 879-890.
- Jeuland, M., T.R. Fetter, Y. Li, S.K. Pattanayak, F. Usmani, R.A. Bluffstone, C. Chávez, H. Girardeau, S. Hassen, P. Jagger, M.M. Jaime, M. Karumba, G. Köhlin, L. Lenz, E. Litzow, L. Masatsugu, M.A. Naranjo, J. Peters, P. Qin, R.D. Ruhinduka, M. Serrano-Medrano, M. Sievert, E.O. Sills, M.A. Toman (2021). Is Energy the Golden Thread? A Systematic Review of the Impacts of Modern and Traditional Energy Use in Low- and Middle-Income Countries. *Renewable and Sustainable Energy Reviews* 135: 110406.
- Kalkuhl, M., J.C. Steckel, L. Montrone, M. Jakob, J. Peters and O. Edenhofer (2019). Successful coal phase-out requires new models of development. *Nature Energy* 4(11): 897-900.
- Peters, J., M. Sievert and M. Toman (2019). Rural electrification through mini-grids: Challenges ahead. *Energy Policy* 132: 27-31.
- Bensch, G., M. Grimm, M. Huppertz, J. Langbein and J. Peters (2018). Are Promotion Programs Needed to Establish Off-Grid Solar Energy Markets? Evidence from Rural Burkina Faso. *Renewable and Sustainable Energy Reviews* 90: 1060-1068.
- Bensch, G., J. Peters, and M. Sievert (2017). The Lighting transition in rural Africa – From Kerosene to Battery-powered LED and the Emerging Disposal Problem. *Energy for Sustainable Development* 39: 13-20.
- Langbein, J., J. Peters and C. Vance (2017). Outdoor Cooking Prevalence in Developing Countries and its Implication for Clean Cooking Policies. *Environmental Research Letters* 12, 115008.
- Peters, J. (2017). Infrastructure and Poverty in Sub-Saharan Africa – A Review. *Journal of Development Studies* 53 (3): 460-462.
- Grimm, M. and J. Peters (2016). Solar Off-grid Markets in Africa – Recent dynamics and the role of branded products. *Field Actions Science Reports* 15: 160-163.

- Peters, J., A. Schoofs and M. Sievert (2016). Preferences over Bank and Family Loans in Rural Rwanda. *Journal of International Development* 28 (4): 623-630.
- Peters, J., M. Sievert, and C. Strupat (2015). Impacts of a Micro-Enterprise Clustering Program on Firm Performance in Ghana. *European Journal of Development Research* 27 (1): 99-121.
- Grimm M., and J. Peters (2015). Beer, Wood, and Welfare – The Impact of Improved Stove Use Among Dolo-Beer Breweries. *PLoS ONE* 10(8): e0132603.
- Peters, J., C. Strupat and C. Vance (2014). Television and Contraceptive Use – Panel Evidence from Rural Indonesia. *Journal of Development Studies* 50 (11): 1538-1549.
- Bensch, G., J. Peters and M. Sievert (2013). Fear of the Dark? How Access to Electric Lighting changes Attitude and Behavior in Rural Senegal. *Journal of Rural and Community Development* 8 (1): 1-19.
- Bensch, G., J. Peters, and C.M. Schmidt (2012). Impact Evaluation of Productive Use – An Implementation Guide for Electrification Projects. *Energy Policy* 40: 186-195.
- Neelsen, S. and J. Peters (2011). Electricity Usage in Micro-Enterprises – Evidence from Lake Victoria, Uganda. *Energy for Sustainable Development* 15 (1): 21-31.
- Peters, J. and C. Vance (2011). Rural Electrification and Fertility – Evidence from Côte d'Ivoire. *Journal of Development Studies* 47 (5): 753-766.
- Peters, J. (2009). Evaluating Rural Electrification Projects: Methodological Approaches. *Well-Being and Social Policy* 5 (2): 25-40. (Spanish Version published as: Evaluación de Proyectos de Electrificación Rural: Enfoques Metodológicos. *Bienestar y Política Social* 5 (2): 25-40)
- Peters, J., M. Harsdorff and F. Ziegler (2009). Rural Electrification: Accelerating Impacts with Complementary Services. *Energy for Sustainable Development* 13:37-41.
- Peters, J. and S. Thielmann (2008). Promoting Biofuels: Implications for Developing Countries. *Energy Policy* 36: 1538-1544.
- Frondel, M. and J. Peters (2007). Biodiesel: A New Oildorado? *Energy Policy* 35: 1675-1684.

Blog Posts

- Peters, J. (2021). A Replication Crisis in the Making? Elephant in the Lab.
- Jeuland, M., S. Pattanayak and J. Peters (2020). Do improved cooking stoves inevitably go up in smoke? Evidence from India and Senegal. *VoxDev*.
- Peters, J., M. Gaarder and M. Jain (2020). External validity: Policy demand is there but research must boost supply. *3ie – Evidence Matters*.
- Toman, M. and J. Peters (2017). Rural electrification: How much does Sub-Saharan Africa need the grid? World Bank: Let's Talk Development
- Lenz, L. and J. Peters (2017). Lighting up rural Africa: How much do the poor value electricity and can they afford paying for it? Duke Household Energy and Health Initiative.
- Peters, J. and G. Bensch (2015). Improved Biomass Cooking to Fight Climate Change and Poverty. Environment for Development (Efd)

Selected Monographs

- Bensch, G., Cornelissen, W., Peters, J., Wagner, N., Reichert, J. and Stepanikova, V., 2019. Electrifying Rural Tanzania. A Grid Extension and Reliability Improvement Intervention.

Duthie, M., J. Peters, L. Lenz, M. Albornoz, K. Krassowska, A. Stek, and J. Higgins (2018). Baseline Report MCC Indonesia Green Prosperity Project - Grant Facility Community-Based Off-Grid Renewable Energy Grant Portfolio. Social Impact Inc. Prepared for Millennium Challenge Corporation (MCC).

Peters, J. and M. Sievert (2015). The Provision of Electricity to Rural Communities through Micro-Hydro Power in Rural Indonesia. *RWI Materialien* 88.

Bensch, G., J. Peters and L. Schraml (2010). Energy Usage and Socio-economic Conditions in Mozambique. *RWI: Materialien* 56.

RECENT DISCUSSION PAPERS & WORK IN PROGRESS

Fiala, N., F. Neubauer and J. Peters (2022). Do economists replicate? *Ruhr Economic Papers* #939.

Munyehirwe, A., J. Peters, M. Sievert, E.H. Bulte and N. Fiala (2022). Energy efficiency and local rebound effects: Theory and experimental evidence from Rwanda. *Ruhr Economic Papers* #934.

Bensch, G., J. Peters and C. Vance (2021). Development Effects of Electrification in Brazil—A Comment on Lipscomb et al.(2013). *USAEA Working Paper Series* 21-529.

Bensch, G., G. Gotz and J. Peters (2020). Effects of rural electrification on employment: A comment on Dinkelman (2011). *Ruhr Economic Papers* #840.

GRANTS AND AWARDS

2022 – 2025	German Research Foundation (DFG). Research Grant. 180,000 EUR.
2020-2021	IGC research grant. £12,000, Lead PI.
2020	IZA research grant. 15,000 EUR, Lead PI.
2019-2021	Thyssen Foundation, Workshop grant. 20,000 EUR
2017-2021	BMBF (Federal Ministry of Research, Germany), research grant. 600,000 EUR, Co-PI.
2017-2021	BMBF (Federal Ministry of Research, Germany), research grant, 350,000 EUR, Lead PI.
2017-2021	Energy and Economic Growth (EEG) Applied Research Programme, research grant £110,000, Lead PI.
2018-2021	Energy and Economic Growth (EEG) Applied Research Programme, research grant £130,000, Lead PI.
2018-2020	World Bank Energy Access Research Program, research grant 100,000 USD, Lead PI.
2016-2020	International Initiative for Impact Evaluation (3ie), research grant, 450,000 USD, Lead PI.
2012 – 2019	Netherlands Enterprise Agency (RVO), research grant 450,000 EUR
2013 – 2017	FMO – Netherlands Development Finance Company, research grant 490,000 EUR
2015-2019	Sondertatbestand, Research Group, ~1,000.000 EUR (“Head of Research Group”)
2010-2014	Ministry of Foreign Affairs of the Netherlands, Impact evaluation grant, ~1,200,000 EUR, Lead PI.
2009-2010	German International Cooperation, Impact evaluation grant, 120,000 EUR, Lead PI.

TEACHING

2023	Infrastructure and Economic Development, University of Passau
------	---

2020, 2021	Debates in Climate Change Policy: An Economic Perspective, University of Passau (winter and summer term)
2019	Economics of Micro-Finance and Cash Transfers, University of Passau (summer term)
2018/2019	Infrastructure and Economic Development, University of Passau (winter term)
2017, 2018	Environmental Policies in Developing Countries, University of Passau (winter and summer term)
2003 – 2005	Probability theory and inductive statistics, Tutorial, University of Cologne

REFEREEING (SELECTION)

Science; American Economic Journal: Economic Policy; Nature Energy; Nature Sustainability; Journal of Development Economics; Review of Economics and Statistics; International Initiative for Impact Evaluation (3ie); Economic Development and Cultural Change (EDCC); Journal of Environmental Economics and Management (JEEM); World Development; Energy Journal; Energy Policy; Environment and Development Economics; Journal of Cleaner Production; Journal of Development Effectiveness; Journal of Development Studies; Studienstiftung des Deutschen Volkes; Thyssen Foundation.

LANGUAGE PROFICIENCY

German	Native language
English	Fluent
French	Fluent