

## SEBASTIAN RENNER

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CONTACT INFORMATION	Mercator Research Institute on Global Commons and Climate Change (MCC) EUREF Campus 19 Torgauer Str. 12-15 10829 Berlin, Germany <i>E-mail:</i> renner@mcc-berlin.net
RESEARCH INTERESTS	Environmental and Development Economics
EDUCATION	<b>University of Göttingen</b> <i>PhD Economics, 2017</i> <i>Summa cum laude</i>  <b>Free University Berlin</b> <i>M.A. / Diplom in Economics, 2010</i>  <b>University of California, San Diego</b> <i>Visiting student, 2007/2008</i>
CURRENT POSITION	<b>Mercator Research Institute on Global Commons and Climate Change (MCC)</b> <i>Postdoctoral researcher, since 2020</i>
PREVIOUS POSITIONS	<b>University of Göttingen/GIGA</b> <i>Postdoctoral researcher, 2016-2020</i> Collaborative Research Center: Ecological and Socioeconomic Functions of Tropical Lowland Rainforest Transformation Systems (Sumatra, Indonesia)  <b>GIGA German Institute of Global and Area Studies</b> <i>Research fellow, 2011-2020</i>
AFFILIATIONS	<b>Environment for Development (Efd)</b> <i>Senior Research Fellow , since 05/2020</i> <b>GIGA German Institute of Global and Area Studies</b> <i>Associate Research Fellow , since 05/2020</i>
PROFESSIONAL EXPERIENCE & CONSULTING	<b>Agence Française de Développement (AFD)</b> <i>Short Term consultant, 2019</i> Managing distributional impacts of carbon taxes in Colombia  <b>Euro-Mediterranean Center on Climate Change (CMCC) and Ca' Foscari University of Venice</b> <i>Consultant, 2018-2020</i> ENERGYA – Energy use for Adaptation  <b>World Bank</b> <i>Short term consultant, April - June 2013</i> Development Economics Prospects Group

*Short term consultant, June 2012*  
Economic Policy Group, Latin America and the Caribbean Region

*Short term consultant, February - April 2012*  
Development Economics Prospects Group

**BC3 Basque Centre for Climate Change**  
*Visiting researcher, September - November 2012*

JOURNAL  
PUBLICATIONS

De Cian, Enrica, F. Pavanello, M. Davide, M. Mistry, T. Cruz, P. Borges, D. Jagu, S. Renner, R. Schaffer & A. Lucena (conditionally accepted), Air-Conditioning and the Adaptation Cooling Deficit in Emerging Economies *Nature Communications*

Steckel, J., I. Dorband, L. Montrone, H. Ward, L. Missbach, F. Hafner, M. Jakob & S. Renner (forthcoming), Climate Policy and Distributional Impacts in Developing Asia, *Nature Sustainability*

Renner, S., J. Lay, M. Schleicher (2019), The effects of energy price changes: heterogeneous welfare impacts and energy poverty in Indonesia, *Environment and Development Economics*, 24, 180-200

Renner, S., J. Lay, H. Greve (2018), Household welfare and CO2 emission impacts of energy and carbon taxes in Mexico, *Energy Economics*, 72, 222-235

Renner, S. (2018). Poverty and distributional effects of a carbon tax in Mexico. *Energy Policy*, 112, 98-110.

Jakob, M., J. Steckel, S. Klasen, J. Lay, N. Grunewald, I. Martínez-Zarzoso, S. Renner, & O. Edenhofer (2014). Feasible mitigation actions in developing countries. *Nature Climate Change*, 4, 961–968.

BOOK CHAPTERS

Neff, D., C.W. Haasnoot, K. Sen, S. Renner (2019), The Social and Economic Situation of the Scheduled Tribes in India, in: M. Manning, C. Ambrey, C. Fleming (eds.), *Routledge Handbook of Indigenous Well-being*

RECENT WORKING  
PAPERS

Heat and firm productivity: Evidence from Indonesia's manufacturing sector, with Robert Genthner and Enrica de Cian

Energy prices, generators, and the performance of manufacturing firms: Evidence from Indonesia, with Hannes Greve and Krisztina Kis-Katos

POLICY BRIEFS

Lay, J., S. Renner (2016), Not on the "Paris Track": Climate Protection Efforts in Developing Countries, GIGA Focus Global, 08/2016

Lay, J., S. Renner (2012), Brasilien und Mexiko: Entwicklung auf Kosten des Klimawandels?, GIGA Focus Latin America, 06/2012

WORK IN  
PROGRESS

Vertical and Horizontal Equity of Carbon Taxes under Imperfect Targeting, with Oskar Lecuyer, Adrien Vogt-Schilb, Germán David Romero Otálora and Hauke Ward

Assessing Distributional Impacts of Carbon Pricing in Indonesia, with Djoni Hartono, Jan Steckel and Arief A. Yusuf

Economic and Environmental Impacts of Sustainable Palm Oil Certification for Smallholder Farmers in Indonesia, with Jann Lay, Nunung Nuryartono, Marife Corre and Aiyen Tjoa

PROFESSIONAL  
ACTIVITIES

Referee: Journal of Environmental Economics and Management, Review of Income and Wealth, Energy Economics, Environment and Development Economics, Energy Policy, Climate Policy, Economics E-Journal, Energy Efficiency, Technological Forecasting & Social Change, Inter-American Development Bank Working Paper Series  
Associate editor Indonesian Journal of Energy

Master thesis supervision for MSc Development Economics and MSc International Economics (12x), University of Göttingen