**Curriculum Vitae:** Prof. Dr. Jürgen P. Kropp[1]



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Deputy Chair: Research Domain "Climate Resilience" (ret. since 10/2025)
Head: Research Area "Urban Transformations" (ret. since 10/2025)
Guest Scientist @ PIK since 11/2025

Professor University of Potsdam, Potsdam, Germany
Dept. Environmental Sciences & Geography (since 2009)

Visiting Scientist @ IIASA since 1/2025, Visiting Scientist @ ICIMOD since 10/2024

Co-Founder of the Gigaton Project Project

**Professional Experience/Achievements:**

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| 2021-2026: | Partner/Power of attorney (2021-2026) of "Bauhaus Earth gGmbH[2]" |
| 2009-2020: | Founder and CEO (2009-2020) of the price awarded "Climate Media Factory UG" (cf. below) |
| 2005-2009: | Senior Scientist at PIK and Lecturer at Humboldt University of Berlin, Dept. of Geography |
| 2001-2004: | Senior scientist at Institute for Theoretical Physics, University of Giessen and Scientific staff to the Scientific Advisory Board on Global Change to the Federal Government, Berlin, Germany. |
| 1998-2001: | Postdoctoral fellow at Institute for Chemistry and Biology of the Environment, Mathematical Modeling Group, University of Oldenburg/Germany |
| 1999: | Dr. rer. nat. in Theoretical Physics, University of Potsdam/Germany |
| 1993-1998: | Research associate at Potsdam Institute for Climate Impact Research, Potsdam/ Germany |
| 1986-1992: | Studies in chemistry and physics, University of Oldenburg/Germany, M.Sc. in Physical Chemistry (1993) |
| 1986: | Evening Senior High School Diploma: `Abitur' (Abendgymnasium Oldenburg) |
| 1984-1989: | Administrative Officer Purchasing & Accounting, University of Oldenburg/Germany |
| 1980-1982: | In-service training: Emergency Medical Technician, Fire Brigade Hannover/Germany |
| 1976-1984: | Police Officer/Operations Staff of Mobile Police, State Police of Lower Saxony. |

**Selected Honors and Appointments**

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|---|---|
| 2025-2026 | Global Calculator 2.0 Advisory Board on behalf of UK Dept. Energy Security and Net Zero |
| 2024-2026: | Appointed Visiting Senior Research Scholar – International Institute for Applied Systems Analysis (IIASA, Austria) |
| 2024-2027: | Appointed ICIMOD Senior Fellow – Advisor on Climate and Innovations, Kathmandu, Nepal |
| 2022-2024: | Member of the Advisory Board of PlanA.Earth GmbH |
| 2019-2023: | Guest Professor "Hamburg Media School" (Value-Oriented Advertisement) |
| 2018-2024: | Member of Board of Governors, International Centre for Integrated Mountain Development (ICIMOD), Kathmandu, Nepal |
| 2021: | Jury Member: "German Sustainability Award – Cities & Communities" |
| 2014: | Invited expert on a cabinet meeting of the Gov't of the Republic of Kazakhstan for the launching of Kazakhstan's green economy strategy |
| 2013-2018: | Chair of the Scientific Advisory Board of Climate Change and Development Research Centre COMSATS/Islamabad. Pakistan |
| 2014-2016: | Member of the Editorial Board of "Regional Environmental Change" journal (Springer) |
| 2013ff | Appointed Academic Editor PLOS One journal (Public Library of Science) |
| 2012-2014: | Appointed Editor-in-Chief of the new journal "Challenges in Sustainability" (Librello) |
| 2010: | Call to the position for a full professorship at Griffith University/Brisbane and coincidentally Deputy Director of the National Climate Change Adaptation Research Facility of Australia (declined) |
| 2008-2010: | Visiting Professor: Mahidol University, Bangkok/Thailand |

[1] www.pik-potsdam.de/~kropp/
[2] www.bauhauserde.org

**Awards**

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|---|---|
| 2023: | The Michael Breheny Price of the most innovative paper in the Environment and Planning B: Urban Analytics and City Science Journal[3] |
| 2022: | Outstanding Paper Award of the Sustainability Science Journal[4] |
| 2012: | Clean Tech Award[5] in 2012 for the foundation of the Climate Media Factory - an innovative media lab for science communication 2012 |
| 2006: | Amber Tree Award of the European Union INTERREG IIIB Program for implementing a visionary project bringing together scientists, planners and politicians |

**Selected Professional Services**

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| 2024 | Keynote speech on the occasion of the award of the Lower Saxony Timber Construction Award, Old Town Hall, Hannover, State Ministry of Food, Agriculture and Consumer Protection (initiated by Minister M. Staudte) |
| 2023 | Keynote – Wie eine veränderte Bauwirtschaft das Klima retten kann!, Forum „AufHolzBauen 2023“, on invitation of Ministry of Food, Rural Areas and Consumer Protection Baden-Württemberg/Baden-Württemberg Chamber of Engineers**.** |
| 2022 | Key Note Intervention on Green Leaders Circle Meeting on “Buildings and Construction” (initiated by former Federal Minister for Foreign Affairs J. Fischer and Actual Minister for Building and Construction K Geywitz). |
| 2021 | Key Note Speaker “Indo-German Forum on Cities and Climate”, New Delhi, March 16th |
| 2021-2025 | Project Director Horizon Europe Project: “Localised decarbonisation pathways for citizens, local administrations and businesses to inform and support mitigation and adaptation action” |
| 2019 | Key Note Speaker "Climate Change & Development: is it desirable that human development converges?" Global Policy Forum on Development, Brussels, 15. March 2019 |
| 2018 | Panelist: Ecosystems and Livelihoods under Threat – Solutions for a Changing Hindu Kush Himalaya", Global Solution Summit, Berlin, May 2018 |
| 2018 | Input Talk on: "Unlocking Synergies between SDGs and Agriculture" on High Level Talks of Consultative Group on International Agricultural Research (CGIAR) Science Forum 2018, Stellenbosch, South-Africa: "Win more, lose less: Capturing synergies between SDGs through agricultural research |
| 2017 | Scientific Expert nominated by German Foreign Office for the USA/German Climate Change Dialogue - "Atlantic Bridge", (Washington, Pittsburgh, Atlanta, Tampa) |
| 2017 | Conference Chair of the Cities and Climate Change Conference, Sept. 2017, Potsdam |
| 2016 | Scientific Expert nominated by German Foreign Office for the Mexican/German Climate Change Dialogue |
| 2015 | Scientific Expert on European Ambassadors Panel/Climate Change Dialogue, Sarajevo/BiH |
| 2014/2015 | Scientific Committee Member/Organizer of the ECCA 2015 conference Copenhagen/DK |
| 2014/2015 | Scientific Committee Member and Session Chair of GeoBerlin 2015 Conference, 4-6 October 2015 |
| 2014-2017 | Project Director of European Framework 7 Project “TESS – Towards European Societal Sustainability” |
| 2014 | Plenary Key Note Lecture at Lanzhou University/China on a policy meeting "Revitalizing the Silk Road" |
| 2013-2016 | Member of the Scientific Advisory Board of the European FP7 BASE project |
| 2013 | Scientific Advisor of the European Union for the IPCC AR5 WGII/III second order draft evaluation |
| 2012-2017 | Project Director European FP7 Project: “RAMSES -Reconciling Adaptation, Mitigation and Sustainable Development in Cities” |
| 2014 | Plenary Key Note on the occasion of a new agreement between Chinese and German Science Foundation at Xiamen University/China on "Climate Change and Sustainable Cities" |
| 2014 | Plenary Keynote Lecture and panelist on invitation of World Bank Meeting on Climate Change in Central Asia, Almaty: Communicating Climate Change |
| 2014 | Co-organizer of the first Conference on Monsoon Change over the Indian Subcontinent Islamabad/Pakistan |
| 2013-2014 | Platform Board Member of the European Union Climate-Knowledge, Innovation and Community (C-KIC) Network |

**Research Supervision**

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| since 2013 | PhD Students: 24 PhD finalized a first supervisor/reviewer (amongst them 3 abroad), 2 actually running (covered disciplines: Geography, Geosciences, Social Sciences, Physics) |
| since 2008 | supervisor for bachelor/master students: 20 finished (covered disciplines: Geography, Physics, Environmental Planning, Agricultural Economics) |

[3] https://journals.sagepub.com/doi/full/10.1177/23998083231210914

[4] https://www.springer.com/journal/11625/updates/17213780

[5] https://de.wikipedia.org/wiki/Green_Awards#2008%E2%80%932012_%E2%80%9EClean_Tech_Media_Award

**Publications & Outreach**

- 120 peer-reviewed articles in ISI Journals, plus more than 40 book chapters, editorials, popular science, etc.
- Policy Documents (cf. website)
- Research Grants: in total 40, approx. 1.5 mln € per year on average (since 2005), (details on demand)
- As Founder/CEO for the Climate Media Factory: production of more than 70 educational movies on climate and sustainability issues (details on demand)
- Many invited honourable high level talks and key notes (details on demand)

***Peer reviewed ISI publications***


**Kropp JP** (2026): Klimaschutz jetzt – Lokale Räume als Schlüssel der Transformation. *Geographische Rundschau*, *in press.*

Gudipudi R, Costa L, Arumugam P, Agarwala M, Creutzig F, **Kropp JP** (2026): From corporate net-zero pledges to credible climate action. *Nature Sustainability*, *in press*.

Patil S, Pflugradt N, Weinand JM, **Kropp JP**, Stolten D (2025): Spatially Disaggregated Municipal Energy Consumption and Emissions in End-use Sectors for Germany and Spain. *Scientific Data* 12:1608, https://doi.org/10.1038/s41597-025-05938-1.

Pradhan P, Zhang H , Wang Z, Huang Q, Jia Q, Lian X, Xu C, Yang R, Tian Y, Xu Z, Jiao L, **Kropp JP** (2025): Urban agriculture supports China's vegetable supply without raising greenhouse gas emissions**.** *Resources, Environment and Sustainability*, 21: 100254, https://doi.org/10.1016/j.resenv.2025.100254.

Li C, Pradhan P, Chen G, **Kropp JP**, Schellnhuber HJ (2025): Carbon cost of constructing the global built environment can preclude the climate change goals. *Nature Communications: Earth & Environment* 6: 831, https://doi.org/10.1038/s43247-025-02840-x.

Kafle S, Gyawali M, Adhikari S, **Kropp JP**, Pradhan P (2024): Possibilities and challenges for converting waste biomass into fuel, feed, and fertilizer in Nepal. *Regional Environmental Change* 24(3): 133, http://dx.doi.org/10.1007/s10113-024-02285-6.

Patil S, Pflugradt N, Weinand JM, Stolten D, **Kropp JP** (2024): A Systematic Review of Spatial Disaggregation Methods for Climate Action Planning. *Energy and AI* 17(2): 100386, https://doi.org/10.1016/j.egyai.2024.100386.

Liu Y, Du J,Wang Y, […], **Kropp JP**, Fu B (2024): Overlooked uneven progress across sustainable development goals at the global scale: Challenges and opportunities. *The Innovation*, 5(2): 100573, https://doi.org/10.1016/j.xinn.2024.100573.

Reitemeyer F, Fritz D, Jacobi N, Díaz-Bone L, Mariño Viteri C, **Kropp JP** (2023): Quantification of urban mitigation potentials - coping with data heterogeneity. *Heliyon* 9(6): e16733, https://doi.org/10.1016/j.heliyon.2023.e16733.

Pradhan P, Callaghan M, Hu Y, Kshitij Dahal K, Hunecke C, Reusswig F, Lotze-Campen H, **Kropp JP** (2023): A systematic review highlights that there are multiple benefits of urban agriculture besides food. G*lobal Food Security* 38: 100700, https://doi.org/10.1016/j.gfs.2023.100700.

Seydewitz T, Pradhan P, Landholm DM, **Kropp JP** (2023): Deforestation drivers across the tropics and their impacts on carbon stocks and ecosystem services. *Anthropocene Science* 2: 81–92, https://doi.org/10.1007/s44177-023-00051-7.

de Simone M, Pradhan P, **Kropp JP**, Rybski D (2023): A large share of Berlin's vegetable consumption can be produced within the city-limits. *Sustainable Cities and Society*, 91(4): 104362, http://dx.doi.org/10.1016/j.scs.2022.104362.

Athare RT, Pradhan P, Singh SRK, **Kropp JP** (2022): India consists of multiple food systems with socioeconomic and environmental variations. PlosOne 17(8), https://doi.org/10.1371/journal.pone.0270342.

Pradhan P, Seydewitz T, Zhou B, Luedeke, **Kropp JP** (2022): Climate extremes are becoming more frequent, co-occurring, and persistent in Europe. *Anthropocene Science,* 1(2), 264-277, http://doi.org/10.1007/s44177-022-00022-4.

Foong A, Pradhan P, Frör O, **Kropp JP** (2022): Adjusting agricultural emissions for trade matters for climate change mitigation. *Nature Communications* 13, 3024, https://doi.org/10.1038/s41467-022-30607-x.

Warchold A, Thapa P, Putra MPIF, **Kropp JP**, Pradhan P (2022): Building a unified Sustainable Development Goals (SDGs) database: Why does SDG data selection matter? *Sustainable Development* – in press, https://doi.org/10.1002/sd.2316.

Glockmann M, Li Y, Lakes T, **Kropp JP**, Rybski D (2022): Quantitative evidence for leapfrogging in urban growth*. Environment and Planning B*, 49(1), 352-367, https://doi.org/10.1177/2399808321998713.

Rybski D, Pradhan P, Shutters ST, van Butsic, **Kropp JP** (2021): Characterizing the sectoral development of cities. *PlosOne* 16(7), e0254601, https://doi.org/10.1371/journal.pone.0254601.

Krummenauer L, Costa L, Prahl B. **Kropp JP** (2021): Future heat adaptation and exposure among urban populations and why a prospering economy alone won't save us. *Scientific Reports*, 11, 20309, https://doi.org/10.1038/s41598-021-99757-0.

Anderson C, Denich M, Warchold A, **Kropp JP**, Pradhan P (2021): A systems model of SDG target influence on the 2030 Agenda for Sustainable Development. *Sustainability Science*, online first, https://doi.org/10.1007/s11625-021-01040-8.

Li Y, Zhou B, Glockmann M, **Kropp JP**, Rybski D (2021): Context sensitivity of surface urban heat island at the local and regional scales. *Sustainable Cities and Society*, 74, 103146, https://doi.org/10.1016/j.scs.2021.103146.

Pradhan P, Sapkota TB, **Kropp JP** (2021): Why food systems transformation is crucial for achieving the SDGs. *Rural 21*, 3, 10-12.

Pradhan P,...,**Kropp JP**,...Bhuju DR (2021): The COVID-19 Pandemic not only poses challenges, but also opens opportunities for sustainable transformation. *Earth's Future*, 9, e2021EF001996, https://doi.org/10.1029/2021EF001996.

Costa L, Moreau V, Thurm B, Wusheng Y, Clora F, Baudry G, Warmuth H, Hezel B, Seydewitz T, Rankovic A, Kelly G, **Kropp JP** (2021): The decarbonisation of Europe powered by lifestyle changes*. Environmental Research Letters,* 16: 044057, https://doi.org/10.1088/1748-9326/abe890.

Rybski D, Li Y, **Kropp JP**, Born S (2021): Modeling urban morphology by unifying Diffusion-Limited Aggregation and Stochastic Gravitation. *Urban Findings* – online first, https://doi.org/10.32866/001c.22296.

Khubaib N, Asad SA, Khalil T, Baig A, Atif S, Umar M, **Kropp JP**, Pradhan P, Baig S (2021): Predicting Suitability of Wheat and Maize Cultivation Under Future Climate Change Scenarios in Pakistan. *Climate Research,* 83: 15-25, https://doi.org/10.3354/cr01631.

Rabbi SE, Shant R, Karmakar S, Habib A, **Kropp JP** (2021): Regional mapping of climate variability index and identifying socio-economic factors influencing farmer's perception in Bangladesh. *Environ. Dev. Sustain.,* **23**, 11050–11066, https://doi.org/10.1007/s10668-020-01104-2.

Ribeiro HV, Oehlers M, Moreno-Monroya AI, **Kropp JP**, Rybski D (2021): Effects of population distribution on urban scaling. *PlosOne* 16(1): e0245771, https://doi.org/10.1371/journal.pone.0245771.

Rabbi SE, Rabbi RE, Karmakar S, **Kropp JP** (2021): A Nationwide Approach on Measuring Households' Resilience by Constructing Climate Resilient Livelihoods Index (CRLI) in Rural Bangladesh. *American J. of Climate Change*, 2021, 10, 619-638, https://doi.org/10.4236/ajcc.2021.104031.

Li Y, Rybski D, **Kropp JP** (2021): Singularity Cities. *Environment and Planning B,* 48(1):43-59, https://doi.org/10.1177/2399808319843534.

Schepelmann P, Fischer S, Drews M, **Kropp J,** Krummenauer L, Augenstein K (2021): Evidence-based narratives in European research programming. *Eur. J. Futures Res.* 9, 6, https://doi.org/10.1186/s40309-021-00175-2.

Khalil T, Asad SA, Khubaib N, Baig A, Atif S, Umer M, **Kropp JP**, Pradhan P, Baig S (2021): Climate Change and Potential distribution of Potato (Solanum Tuberosum) Crop Cultivation in Pakistan Using Maxent. *AIMS Agriculture and Food*,. 6(2): 663-676, https://doi.org/10.3934/agrfood.2021039.

Rabbi SE, M Ali, LC Costa, P Pradhan, A Rahman, FM Yunus, **JP Kropp** (2021): Identifying climatic and non-climatic determinants of malnutrition prevalence in Bangladesh: A country-wide cross-sectional spatial analysis. *Spatial and Spatio-temporal Epidemiology*, 37: 100422, https://doi.org/10.1016/j.sste.2021.100422.

Warchold A, Prajal Pradhan P, **Kropp JP** (2020): Variations in Sustainable Development Goal interactions: Population, regional, and income disaggregation. *Sustainable Development*, 29, 285–299, https://doi.org/10.1002/sd.2145.

Zhou B, Thies S, Gudipudi R, Luedeke MKB, **Kropp JP**, Rybski D (2020): A Gini approach to spatial $CO_2$ emissions. *PlosOne* 15(11): e0242479, https://doi.org/10.1371/journal.pone.0242479.

Pradhan P, Kriewald S, Costa L, Rybski D, Benton TG, Fischer G, and **Kropp JP** (2020): Urban food systems: how regionalization can contribute to climate change mitigation. *Environmental Science & Technology*, 54(17): 10551–10560, https://pubs.acs.org/doi/10.1021/acs.est.0c02739.

Athare T, Pradhan P, **Kropp JP** (2020): Environmental Implications and Socio-economic Characterisation of Indian Diets. *Science of the Total Environment*, 737: 139881, https://doi.org/10.1016/j.scitotenv.2020.139881.

Pradhan P, **Kropp JP** (2020): Interplay between diets, health, and climate change. *Sustainability*, 12(9): 3878, https://doi.org/10.3390/su12093878.

Li Y, Schubert S, **Kropp JP**, Rybski D (2020): On the influence of density and morphology on the Urban Heat Island intensity. *Nature Communications*, 11: 2647, https://doi.org/10.1038/s41467-020-16461-9.

Akuraja V, Pradhan P, **Kropp JP**, Rybski D (2020): Relating SDG11 indicators and urban scaling - an explorative study. *Sustainable Cities and Societies*, 52: 101853, https://doi.org/10.1016/j.scs.2019.101853.

Putra MPIF, Pradhan P, **Kropp JP** (2020): A systematic analysis of Water-Energy-Food security nexus: a South Asian case study. *Science of the Total Environment*, 728: 138451, https://doi.org/10.1016/j.scitotenv.2020.138451.

Rybski D, Dawson R, **Kropp JP** (2020): Comparing generic and case study damage functions – the London storm-surge example. *Natural Hazards Review*, 21(1): 0601900, https://doi.org/10.1061/(ASCE)NH.1527-6996.0000336.

Landholm D, Pradhan P, Wegmann P, Romero Sánchez M, Suárez Salazar JC, **Kropp JP** (2019): Reducing deforestation and improving livestock productivity: GHG mitigation potential of silvopastoral systems in Caquetá. *Environmental Research Letters*, 14: 114007, https://doi.org/10.1088/1748-9326/ab3db6.

Blumenthal I, **Kropp JP** (2019): Klimawandel: Veränderungen beginnen im Kopf und brauchen Begleitung. *Geographische Rundschau*, 12, 6-11

Gudipudi R, Rybski D, **Kropp JP** (2019): Urban emission scaling — Research insights and a way forward. *Environment and Planning B: Urban Analytics and City Science*, 6(9): 1678-1683, https://doi.org/10.1177/2399808319825867.

Costa L, **Kropp JP** (2019): Estimating investments in knowledge and planning activities for adaptation in developing countries: an empirical approach. *Climate and Development*, 11(9) 755-764, https://doi.org/10.1080/17565529.2018.1562865.

Ribeiro HV, Rybski D, **Kropp JP** (2019): Effects of changing population or density on urban carbon dioxide emissions. *Nature Communications*, 10: 3204, https://doi.org/10.1038/s41467-019-11184-y.

Kriewald S, Pradhan, P, Costa L, Ros AC, **Kropp JP** (2019): Hungry cities: how local food self-sufficiency relates to climate change, life styles and urbanization. *Environmental Research Letters*, 14: 094007, https://doi.org/10.1088/1748-9326/ab2d56.

Krummenauer L, Costa L, Walther C, Prahl BF, Holsten A, **Kropp JP** (2019) Global drivers of minimum mortality temperatures. *Science of the Total Environment*, 695: 133560, https://doi.org/10.1016/j.scitotenv.2019.07.366.

Landholm DM, Pradhan P, **Kropp JP** (2019): Diverging forest land use dynamics induced by armed conflict across the tropics. *Global Environmental Change*: 56, 86-94, https://doi.org/10.1016/j.gloenvcha.2019.03.006.

Gudipudi R, Rybski D, Lüdeke MKB, Zhou B, Zhu L, **Kropp JP** (2019): The efficient, the intensive, and the productive: insights from the urban Kaya relation. *Applied Energy*, 236, 155-162, https://doi.org/10.1016/j.apenergy.2018.11.054.

Ganzenmüller R, Pradhan, P, **Kropp JP** (2019): Sectoral performance analysis of national greenhouse gas emission inventories by means of neural networks. *Science of the Total Environment*, 656: 80-89, https://doi.org/10.1016/j.scitotenv.2018.11.311.

Landholm DM, Holsten A, Martellozzo F, Reusser DE, **Kropp JP** (2019): Climate Change Mitigation Potential of Community-Based Initiatives. *Regional Environmental Change*, 19: 927–938, https://doi.org/10.1007/s10113-018-1428-1.

Prahl BF, Boettle M, Costa L, **Kropp JP**, Rybski D (2018): Damage and protection cost curves for coastal floods within the 600 largest European cities. *Nature Scientific Data*, 5, 180034, https://doi.org/10.1038/sdata.2018.34.

Weng W, Lüdeke MKB, Zemp DC, Lakes T and **Kropp JP** (2018): Aerial and surface rivers: downwind impacts on water availability from land use changes in Amazonia. *Hydrology and Earth System Sciences*, 22, 911-927, https://doi.org/10.5194/hess-22-911-2018.

Pradhan P, Costa L, Rybski D, Lucht W and **Kropp JP** (2017): A systematic study of Sustainable Development Goal (SDG) interactions. *Earth's Future*, 5, 1169-1179 https://doi.org/10.1002/2017EF000632.

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Rybski D, Prahl B, **Kropp JP** (2017) "Comment on `High-income does not protect against hurricane losses, Geiger et al.'" *Environ. Res. Lett*. 12(9), 098001, https://doi.org/10.1088/1748-9326/aa88d8.

Zhou B, Rybski D, **Kropp JP** (2017): The role of city size and urban form in the surface urban heat island. *Nature Scientific Reports,* 7, 4791, https://doi.org/10.1038/s41598-017-04242-2.

Lenk S, Rybski D, Heidrich O, Dawson RJ, **Kropp JP** (2017): Costs of sea dikes – regressions and uncertainty estimates. *Natural Hazards and Earth System Sciences,* 17, 765-779, https://doi.org/10.5194/nhess-17-765-2017.

Rybski D, Reusser DE, Winz AL, Fichtner C, Sterzel T, **Kropp JP** (2017): Cities as Nuclei of Sustainability? *Environment and Planning B*: *Urban Analytics and City Science*, 44,3: 425-440, https://doi.org/10.1177/0265813516638340.

Fluschnik T, Kriewald S, Cantu Ros A, Zhou B, Reusser DE, **Kropp JP**, Rybski D (2016): The Size Distribution, Scaling Properties and Spatial Organization of Urban Clusters: A Global and Regional Percolation Perspective *ISPRS International Journal of Geo-Information*, 5(7): 110ff, https://doi.org/10.3390/ijgi5070110.

Hic C, Pradhan P, Rybski D, **Kropp JP** (2016): Food Surplus and its Climate Burdens. *Environmental Science and Technology.* 50(8): 4269-4277, https://doi.org/10.1021/acs.est.5b05088.

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Zhou B, Lauwaet D, Hooyberghs H, De Ridder K, **Kropp JP**, Rybski D (2016): Assessing seasonality in the surface urban heat island of London. *Journal of Applied Meteorology* and Climatology, 55(3): 493-505, https://doi.org/10.1175/JAMC-D-15-0041.1.

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Pradhan P, Fischer G, van Velthuizen H, Reusser DE, **Kropp J**P (2015). Closing yield gaps: how sustainable can we be*? PloSOne*, 10(6): e0129487, https://doi.org/10.1371/journal.pone.0129487.

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Further details, e.g. on outreach movies, lectures, grants, and functions on demand.



Berlin, June 1st, 2026
Prof. Dr. J.P. Kropp