

CURRICULUM VITÆ - Professor Raimund Bleischwitz

Raimund Bleischwitz has been appointed Scientific Director of the Leibniz Centre for Tropical Marine Research ([ZMT](#)) in Bremen effective January 2022. Till then he has been Chair in Sustainable Global Resources at University College London (UCL), and Director of the UCL Bartlett School of Environment, Energy and Resources, a department with a research portfolio of £62M and about 200 staff, 150 PhD students, and 400 MSc students. He has been Co-I on two UKRI Circular Economy Centres on metals and construction materials, and he is member of the DEFRA Resources and Waste Targets Expert Group. He has been Principal Investigator of a large international collaborative project on the circular economy in China (SINCERE), and he participates in a range of interdisciplinary projects. His research interests cover sustainable development, resource efficiency, the resource nexus, conflict minerals, international governance, the interface of policy and industry, and resulted in more than 300 publications, e.g. in [Nature](#), [Nature Sustainability](#), [Global Environmental Change](#). His recent book is the Routledge Handbook of the Resource [Nexus](#). Raimund set up the MSc Programme on Sustainable Resources at UCL and continues to teach two modules. He had previous positions at the Wuppertal Institute in Germany, at the College of Europe in Bruges (Belgium), at a Max Planck Institute in Bonn, at the Institute for European Environmental Policy and in the German Bundestag; Fellowships at the Transatlantic Academy (TA) co-located with GMF in Washington DC, at Johns Hopkins University (AICGS JHU) and in Japan (JSPS). He was Member of the European Commission's Expert Group on Circular Economy and Systemic Eco-Innovation and is frequently invited as speaker; his op-eds are published in The Project Syndicate, Open Access Government, The Conversation, New Security Beat, Nature Research Sustainability Community, and other fora.

Website: <https://iris.ucl.ac.uk/iris/browse/profile?upi=RBLEI92>

Wikipedia: https://en.wikipedia.org/wiki/Raimund_Bleischwitz

ORCID: <https://orcid.org/my-orcid?orcid=0000-0001-8164-733X>

EDUCATION:

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| May 2005 | Habilitation on the provision of collective goods, University of Kassel (Dept Economics, Hans Nutzinger), in collaboration with the Max Planck Institute for Research on Collective Goods Bonn (DE) |
| Oct 1997 | PhD on resource productivity at the University of Wuppertal, Germany ('magna com laude', Dept Economics, Erich Hoedl) |
| June 1987 | 'Staatsexamen Sec 1+2' Social Science, Economics, History. University of Bonn, Germany |

EMPLOYMENT HISTORY

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| 2018-Dec 2021 | Director, UCL Bartlett School of Environment, Energy and Resources (BSEER) and Full Professor (Chair in Sustainable Global Resources), University College London (UCL) |
| 2013-Dec 2021 | Full Professor (Chair in Sustainable Global Resources), University College London (UCL) and Deputy Director, UCL Institute for Sustainable Resources (the latter till July 2018) |
| 2013 | Short-term visiting fellow, Johns Hopkins University (AICGS), Washington DC, USA |
| 2011 – 2012 | Senior visiting resident fellow at the Transatlantic Academy, Washington D.C. USA, on the topic of the 'global resource nexus' |
| 2003-2013 | Co-Director of the research group 'Material Flows and Resource Management' and Member of Directorial Board at the Wuppertal Institute, Germany |
| 2003-2014 | Visiting Professor at the College of Europe, Department of European Economic Studies, in Bruges, Belgium |
| 2005 | Short-term visiting fellow of the Japanese Society for the Promotion of Science (JSPS) at the Institute for Global Environmental Strategies (IGES) in Kobe and Tokyo, Japan |
| 2000-2003 | Head of Factor Four Research Desk and Member of Directorial Board, Wuppertal Institute, Germany |
| 1999-2000 | Research Fellow, Max Planck Institute for Research on Collective Goods Bonn (DE) |
| 1991-1998 | Research Planning and Coordination Unit at Wuppertal Institute (DE) |
| 1989-1991 | Research Fellow at the Institute for European Environmental Policy, Bonn and London |

1988-1989 Assistant Advisor in the German Bundestag, Bonn (DE)
1987-1988 Project Contracts in the German Bundestag, Bonn (DE)

SELECTED PUBLICATIONS (out of > 300)

- Bleischwitz, R.**, Kirschke, S., Adam, N (2021) Implications of the Resource Nexus on International Relations: The Case of the Grand Ethiopian Renaissance Hydropower Dam. *Zeitschrift für Außen- und Sicherheitspolitik*, <https://doi.org/10.1007/s12399-021-00878-1>
- Wakdok, S. S., & **Bleischwitz, R.** (2021). Climate change, Security, and the Resource Nexus: Case study of Northern Nigeria and Lake Chad. *Sustainability* 13 (19). doi:10.3390/su131910734. Special Issue: Environmental Policy Design and Implementation: Toward Sustainable Society, Academic Editors: Adam P. Hejnowicz and Jessica P. R. Thorn
- Bleischwitz, R.**, Spataru, C., VanDeveer, S. D., Obersteiner, M., van der Voet, E., Johnson, C., Andrews-Speed, P, Boersma, T, Hoff, H, van Vuuren, D. P. (2018). Resource Nexus Perspectives towards the UN Sustainable Development Goals. *Nature Sustainability* Perspective. Doi:10.1038/s41893-018-0173-2.
- GENG, Y., Sarkis, J., & **Bleischwitz, R.** (2019). How to globalize the circular economy. *Nature*, 565, 153-155. Doi:10.1038/d41586-019-00017-y.
- Bleischwitz, R.**, Nechifor, V., Winning, M., Huang, B., Geng, Y.: Extrapolation or saturation – an exploration into growth patterns, development stages and decoupling, *Global Environmental Change* 48 (2018) 86 – 96. <https://doi.org/10.1016/j.gloenvcha.2017.11.008>
- Bleischwitz, R.**, Hoff, H., Spataru, C., vd Voet, E., VanDeveer, S. (Eds.) (2018): *Routledge Handbook of the Resource Nexus*.
- Melkonyan, A., (...) **Bleischwitz, R.** (2020) Integrated urban mobility policies in metropolitan areas: A system dynamics approach for the Rhine-Ruhr metropolitan region in Germany. *Sustainable Cities and Society*. <https://doi.org/10.1016/j.scs.2020.102358>
- Domenech, T. / **Bleischwitz R.** et al (2019) Mapping Industrial Symbiosis Development in Europe_ typologies of networks, characteristics, performance and contribution to the Circular Economy. *Resources, Conservation and Recycling* 141, 76-98.
- Carvalho, P., Spataru, C., & **Bleischwitz, R.** (2018). Integration of water and energy planning to promote sustainability. *Journal of Sustainable Development of Energy, Water and Environment Systems*.
- Huang, B, (...) **Bleischwitz, R.** (2018) Construction and demolition waste management in China through the 3R principle. *Resources, Conservation and Recycling* 129: 36 - 44.
- McDowall, W. A. S., Geng, Y., Huang, B. J., Bartekova, E., **Bleischwitz, R.**, Turkeli, S., Domenech Aparisi, T. (2017). Circular Economy Policies in China and Europe. *Journal of Industrial Ecology*
- Bleischwitz, R.**, & Perincek, R. (2017). Raw Materials and International Relations. *Security and Peace - Sicherheit und Frieden*, 35 (3), 129-133. doi:10.5771/0175-274X-2017-3-27
- Bleischwitz, R.**, & Perincek. (2015). Stichwort: [Ressourcenpolitik](#). *Handwörterbuch Internationale Politik* (pp. 418-427). Herausgeber: Wichard Woyke / Johannes Varwick. Opaline Toronto: utb Budrich.
- Andrews-Speed, P., **Bleischwitz, R.**, Boersma, T., Johnson, C., Kemp, G., & VanDeveer, S. (2015). *Want, Waste or War? The Global Resource Nexus and the Struggle for Land, Energy, Food, Water and Minerals*. Routledge.
- Bleischwitz, R.** (2014). Der Ressourcen-Nexus als Frühwarnsystem für zukünftige zwischenstaatliche Konflikte. *Zeitschrift für Außen- und Sicherheitspolitik*. doi:10.1007/s12399-014-0435-7
- Bleischwitz, R.**, Dittrich, M., & Pierdicca, C. (2012). Coltan from Central Africa, international trade, and implications for any certification. *Resources Policy*, 37 (1), 19-29. Doi:10.1016/j.resourpol.2011.12.008
- Bleischwitz, R.** / Welfens, P. Zhang, ZX (Eds) (2011): *International Economics of Resource Efficiency. Eco-Innovation Policies for a Green Economy*, Springer Publisher
- Bringezu, S. / **Bleischwitz R.** (Eds) (2007/2017): *Sustainable resource management: global trends, visions and policies, Greenleaf*.
- Bleischwitz, R.** (2005) [Gemeinschaftsgüter durch Wissen generierende Institutionen: Ein evolutorischer Ansatz in der Wirtschaftspolitik](#), Metropolis (=Habilitation)
- Bleischwitz, R.** (2003) Cognitive and institutional perspectives of eco-efficiency. *Ecological Economics* 46: 453 – 467.
- Bleischwitz, R.** (1998) [Ressourcenproduktivität: Innovationen für Umwelt und Beschäftigung](#), Springer (=Dissertation)