

## Nils Droste - Curriculum Vitae

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| CONTACT<br>INFORMATION     | Center for Environmental and Climate Research  |  | ☎ +49-176-71872890   |
|                            | Ecology Building, Lund University  |  | ✉ <a href="mailto:nils.droste@ufz.de">nils.droste@ufz.de</a> |
|                            | Sölvegatan 37  |  | 🌐 <a href="http://nils.droste.io">nils.droste.io</a>         |
|                            | 223 62 Lund, Sweden  |  | 🆔 0000-0003-4357-9115  |
| RESEARCH<br>INTERESTS      | <i>Primary:</i> Environmental & Ecological Economics, Econometrics & Policy Evaluation             |  |  |
|                            | <i>Secondary:</i> Public Finance & Development Policy, Ecosystem Service & Biodiversity Governance |  |  |
| EDUCATION                  | 2014 – 2018  | Dr. rer. pol. Environmental Economics and Public Finance, Helmholtz Centre for Environmental Research – UFZ & Martin-Luther University Halle-Wittenberg [grade: summa cum laude] |  |
|                            | 2011 – 2013  | M.A. Sustainability Economics and Management, Carl von Ossietzky University Oldenburg, Germany [grade: 1.2]  |  |
|                            | 2008 – 2010  | B.A. Political Science and Economics, University Bremen, Germany [grade: 1.7]  |  |
|                            | 2006 – 2008  | Undergraduate Diploma in Sustainability Education, Gaia University International, Steyerberg, Germany  |  |
|                            | 2005 – 2006  | General Studies: Cultural Anthropology, Educational Science, Johannes Gutenberg University Mainz, Germany  |  |
|                            | 2003   | Abitur, St. Viti Gymnasium, Zeven, Germany [grade: 2.2]  |  |
| PROFESSIONAL<br>EXPERIENCE | from 09/2018   | Post-Doc, Center for Environmental and Climate Research, Lund University   |  |
|                            | 06/2017  | Visiting Scholar, Gund Institute for Ecological Economics, University of Vermont, Burlington   |  |
|                            | 01/2017 – 12/2017  | Visiting Scholar, Department of Development, Environment and Territory, Latin American Faculty of Social Sciences – FLACSO Ecuador   |  |
|                            | 01/2016  | Visiting Scholar, Cense – Center for Environmental and Sustainability Research, Universidade Nova de Lisboa  |  |
|                            | 11 – 12/2014   | Visiting Scholar, Postgraduate Center for Development, Agriculture, and Society (CPDA), Federal Rural University of Rio de Janeiro   |  |
|                            | 10/2013 – 10/2016  | Researcher, Helmholtz Centre for Environmental Research – UFZ, POLICYMIX Project, PEER Green Economy Project, Biodiversity Financing Project, Leipzig, Germany                   |  |
|                            | 04 – 09/2013   | Student Research Assistant, Helmholtz Centre for Environmental Research – UFZ, Natural Capital – TEEB DE Project, Leipzig, Germany   |  |
|                            | 08 – 10/2012   | Internship, Yasuní ITT Initiative, Yasuní ITT State Secretariat of the Republic of Ecuador, Quito, Ecuador   |  |
|                            | 10/2011 – 09/2013  | Student Research Assistant, Centos – Oldenburg Centre for Sustainability Economics, University of Oldenburg, Germany   |  |
|                            | 10/2011 – 09/2012  | Student Research Assistant, Chair for Business and Environmental Policy, University of Oldenburg, Germany  |  |
|                            | 08/2010 – 07/2011  | Working holiday, Melbourne, Australia  |  |
|                            | 05 – 07/2010   | Student Research Assistant, Artec, Center for Sustainability Research, University Bremen, Germany  |  |
|                            | 03 – 05/2009   | Internship, direct sales study, Friends of the Earth (BUND) Bremen e.V., Germany   |  |
|                            | 03 – 06/2008   | Research contract on in-house training in EU and Asia, Machwüth Team International (MTI Consultancy) GmbH, Visselhövede, Germany   |  |
|                            | 08/2006 – 01/2008  | General labourer, Gärtnerhof Badenstedt, ecological nursery, Badenstedt, Germany   |  |

PEER REVIEWED  
ARTICLES

- Droste, N., D'Amato, D., Goddard, J.J.** (2018): Where communities intermingle, diversity grows – the evolution of topics in ecosystem service research. *PLoS ONE* 13(9): e0204749. doi: 10.1371/journal.pone.0204749.
- Droste, N., Ring, I., Santos, R., Kettunen, M.** (2018): Ecological Fiscal Transfers in Europe – Evidence-Based Design Options for a Transnational Scheme. *Ecological Economics* 147: 373–382. doi: 10.1016/j.ecolecon.2018.01.031
- Droste, N., Bartkowski, B.** (2018): Ecosystem service valuation for national accounting - A reply to Obst, Hein and Edens (2016). *Environmental and Resource Economics Environmental and Resource Economics* 71(1): 205–215. doi: 10.1007/s10640-017-0146-3
- Droste, N., Becker, C., Ring, I., Santos, R.** (2017): Decentralization Effects in Ecological Fiscal Transfers: A Bayesian Structural Time Series Analysis for Portugal. *Forthcoming in Environmental and Resource Economics*. doi: 10.1007/s10640-017-0195-7
- Droste, N., Ring, I., Schröter-Schlaack, C., Lenk, T.** (2017): Integrating Ecological Indicators into Federal-State Fiscal Relations: a policy design study for Germany. *Environmental Policy and Governance* 27(5): 484–499. doi: 10.1002/eet.1760
- Droste, N., Lima, G. R., May, P. H., Ring, I.** (2017): Municipal Responses to Ecological Fiscal Transfers in Brazil: a microeconomic panel data approach. *Environmental Policy and Governance* 27(4): 378–393. doi: 10.1002/eet.1760
- D'Amato, D., **Droste, N.**, Allen, B., Kettunen, M., Lähtinen, K., Korhonen, J., Leskinen, P., Matthies, B.D., Toppinen, A. (2017): Green, Circular, Bio economy: a comparative analysis of sustainability avenues. *Journal of Cleaner Production* 168: 716-734. doi: 10.1016/j.jclepro.2017.09.053
- D'Amato, D., **Droste, N.**, Chan, S., Hofer, A.U.M. (2017): Green Economy: Pragmatism or Revolution? Perceptions of Young Researchers on Social Ecological Transformation. *Environmental Values* 26: 413-435. doi: 10.3197/096327117x14976900137331
- Droste, N., Meya, J. N.** (2017): Ecosystem services in infrastructure planning – a case study of the projected deepening of the Lower Weser river in Germany. *Journal of Environmental Planning and Management* 60(2): 231-248. doi: 10.1080/09640568.2016.1151405
- Loiseau, E., Saikku, L., Antikainen, R., Leskinen, P., Pitkänen, K., **Droste, N.**, Hansjürgens, B., Kuikman, P., Thomsen, M. (2016): Green Economy and related concepts: an overview. *Journal of Cleaner Production* 139: 361–371. doi: 10.1016/j.jclepro.2016.08.024
- Pitkänen, K., Antikainen, R., **Droste, N.**, Loiseau, E., Saikku, L., Aissani, L., Hansjürgens, B., Kuikman, P., Leskinen, P., Thomsen, M. (2016): What can be learned from practical cases of green economy? Studies from five European countries. *Journal of Cleaner Production* 139: 666-676. doi: 10.1016/j.jclepro.2016.08.071
- Droste, N.**, Hansjürgens, B., Kuikman, P., Otter, N., Antikainen, R., Leskinen, P., Pitkänen, K., Saikku, L., Loiseau, E., Thomsen, M. (2016): Steering innovations towards a green economy: understanding government intervention. *Journal of Cleaner Production* 135: 426–434. doi: 10.1016/j.jclepro.2016.06.123

## BOOK CHAPTER

- Illes, A., Kettunen, M., ten Brink, P., Santos, R., **Droste, N.**, Ring, I. (2017): Exploring the policy mix for biodiversity financing: Opportunities provided by environmental fiscal instruments in the EU. *Forthcoming in S. E. Weishaar, L. Kreiser, J. E. Milne, H. Ashiabor, M. Mehling (eds.): The Green Market Transition*. Cheltenham: Edward Elgar, pp. 261-275.
- Droste, N.**, Schröter-Schlaack, C., Hansjürgens, B., Zimmermann, H. (2017): Implementing Nature-based Solutions in Urban Areas: Financing and Governance Aspects. *Forthcoming in: N. Kabisch, A. Bonn, H. Korn, J. Stadler (eds.) Nature-based Solutions to Climate Change in Urban Areas - Linkages of science, society and policy*. Heidelberg: Springer, pp. 307-321. doi: 10.1007/978-3-319-56091-5\_18
- Hansjürgens, B., **Droste, N.**, Tockner, K. (2016): Neglected values of major water engineering projects: ecosystem services, social impacts, and economic valuation. In: Huettl, R., Bens, O., Hoehstetter, S., Bismuth, C. (Eds): *Society-Water-Technology. A Critical Appraisal of Major Water Engineering Projects*. Heidelberg: Springer, pp. 65-78. doi: 10.1007/978-3-319-18971-0\_5

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| WORK IN<br>PROGRESS                                  |  | <p><b>Droste, N.</b>, Farley, J., Ring, I., May, P.H., Ricketts, T.H. (2017): Designing a global mechanism for intergovernmental biodiversity financing.</p> <p><b>Droste, N.</b>, Lienhoop, N., Hansjürgens, B., (2017): Participatory budgeting as collective preference articulation – an institutional analysis of Ecuadorian municipal expenditure policies.</p> <p><b>Droste, N.</b> (2017): Protected Areas and the Environmental Kuznet Curve – evidence from a global Bayesian panel data analysis.</p> <p>D’Amato, D., <b>Droste, N.</b>, Winkler, K.J. (2017): Measuring Q – researchers’ shared views on Circular, Green and Bioeconomy.</p> <p><b>Droste, N.</b>, Bartkowski, B. (2016): Economic valuation to assess critical scarcity of ecosystem services - between welfare theory and accounting practice.</p>   |
| OTHER<br>PUBLICATIONS<br>(SELECTION)                 |  | <p>Meya, J., <b>Droste, N.</b>, Klauer, B. (2016): Methodische Defizite der Umweltbewertung im Bundesverkehrswegeplan 2030. <i>Wasserwirtschaft</i> 10: 57-58.</p> <p><b>Droste, N.</b>, Freitas Oliveira, R. (2015): On the contributions of ecological economics – a student’s perspective. <i>Boletim da Sociedade Brasileira de Economia Ecológica – ECOECO</i> 34/35, 8-22.</p> <p>Barton, D.N., Rusch, G.M., Ring, I., Emerton, L., <b>Droste, N.</b> (2014): Environmental and Conservation Policies – The POLICYMIX Project and Final Conference. <i>Environmental Policy and Law</i> 44 (4): 368-371.</p>   |
| PARTICIPATION<br>IN EXTERNALLY<br>FUNDED<br>PROJECTS | 2018<br><br>2016<br><br>2014 – 2015<br><br>2013 – 2014                     | EU H2020 EKLIPSE, biodiversity policies in European food-beverage value chains; D. Gibassier & J. Grabs (WG Lead), et al.<br><br>EU DG Environment, Biodiversity Financing; M. Kettunen (IEEP, Lead), I. Ring (PI at UFZ), et al.<br><br>PEER Green Economy project; R. Antikainen et al. (SYKE, lead), B. Hansjürgens (PI at UFZ), et al.<br><br>EU FP 7 POLICYMIX Project on Policy mixes in biodiversity conservation; D.N. Barton, G. Rusch, I. Ring (lead)  |
| SCHOLARSHIPS<br>& AWARDS                             | 2018<br>2017<br>2016<br>2015 – 2018<br>2015<br>2014<br>2014<br>2012 – 2013 | Luther-Award of the MLU Halle-Wittenberg for an excellent doctoral thesis<br>PROMOS Funding MLU Halle-Wittenberg for Summer School Attendance<br>Leopoldina / German National Academy of Sciences – Travel Grant<br>Heinrich Böll Foundation Doctoral Scholarship<br>European Society for Ecological Economics (ESEE) Best Student Paper Prize<br>German Academic Exchange Service (DAAD) Doctoral Scholarship<br>Thor Heyerdahl Summer School Full Scholarship – Travel & Tuition<br>Germany Scholarship  |
| CONFERENCE &<br>WORKSHOP<br>ORGANIZATION             | 2015<br>2014<br><br>2013<br><br>2012                                       | Organization & Moderation, Early Career Scientist Networker Meeting, European Society for Ecological Economics (ESEE), Leeds<br>POLICYMIX Project (FP 7) Final Conference “International Conference on Policy Mixes in Environmental and Conservation Policies“, Scientific Conference Manager, KUBUS, Leipzig<br><br>Organization & session moderation, 1 <sup>st</sup> Global TraPs World Conference on Sustainable Phosphorus Management, Fraunhofer IWKS, IFDC, China Agricultural University/ Chinese Ministry of Agriculture; Beijing<br><br>Founding Member and organization of 1 <sup>st</sup> NachDenkstatt, a transdisciplinary student conference, and moderation “Sustainability & Higher Education” workshop, Carl von Ossietzky University Oldenburg, Germany<br><br>Organization Centos Symposium on status and perspectives of sustainability economics, Center for Sustainability Economics and Management (Centos) - Carl von Ossietzky University Oldenburg<br><br>Organization of a three-week learning journey towards sustainability of 8 Ecuadorian delegates to Germany, Minga e.V. (grant €12k) |

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| PRESENTATIONS               | 2018  | Earth System Governance, Utrecht<br>BIOECON, Cambridge<br>BIOFIN conference, UNDP, Chennai (invited)   |  |
|                             | 2017  | US Society for Ecological Economics Conference, Minneapolis / St. Paul   |  |
|                             | 2016  | Latin American Meeting of the Econometric Society, Medellín<br>Young Researchers Workshop, Coreper Environmental and Resource Economics (AURO) of the Association for Social Politics, Leipzig   |  |
|                             | 2015  | European Society for Ecological Economics (ESEE), Leeds<br>3 <sup>rd</sup> Green Growth Knowledge Plattform (GGKP) conference, Venice  |  |
|                             | 2014  | International Society for Ecological Economics (ISEE), Reykjavik<br>POLICYMIX International Conference on Policy Mixes in Environmental and Conservation Policies, Leipzig   |  |
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| SUMMER SCHOOLS              | 2017  | ALTER-Net Summer School on Biodiversity & Ecosystem Services, ALTER-Net, Peyresq, France   |  |
|                             | 2014  | Thor Heyerdahl Summer School on Environmental Governance – Green Economy, NBMU, Ås, Norway   |  |
| PHD COURSEWORK (SELECTION)  | 2016  | Microeconomic Treatment and Policy Evaluation, Prof. Dr. Martin Huber (University of Fribourg)   | Central German Doctoral Program Economics (CGDE)   |
|                             | 2015  | Handling Spatial Data with R, Dr. Anna Cord (UFZ)  | UFZ Graduate School (Higrade)  |
|                             |   | Bayesian Econometrics, Prof. Dr. Jesus Crespo Cuaresma (Vienna University of Economics & Business)   | Central German Doctoral Program Economics (CGDE)   |
|                             | 2014  | Econometric methods to estimate causal effects, Prof. Dr. Sascha O. Becker (University of Warwick)   | Central German Doctoral Program Economics (CGDE)   |
| SOCIAL SERVICE & ACTIVITIES | since 2009  | founder and president, Minga – Association for intercultural learning for sustainability e.V., Badenstedt, Germany   |  |
|                             | 2015 – 2017   | deputy speaker, public finance working group, Green Party, Saxony, Germany   |  |
|                             | 2003 – 2004   | Volunteer (Civil Service) in development cooperation, San Martin Alto, Chimborazo, Ecuador (sent by Scheune e.V.)  |  |
| MEMBERSHIPS                 |   | International Society for Ecological Economics (ISEE), European Association of Environmental and Resource Economists (EAERE), Ecosystem Services Partnership (ESP), Econometric Society  |  |
| REVIEW ACTIVITIES           |   | Journal of Cleaner Production, Ecosystem Services, Sustainability, Forest Policy and Economics, European Review of Agricultural Economics, Journal of Environmental Management, Ecosystem Health and Sustainability, International Journal of Environmental Research and Public Health |  |
| SKILLS                      | Languages   | German (native), English, Spanish (fluent), Portuguese (good), French, Kichwa (basic)  |  |
|                             | IT  | R (advanced), Python, GIS, Linux, Latex (intermediate)   |  |
| REFERENCES                  | Prof. Dr. Bernd Hansjürgens   | Prof. Dr. Irene Ring   | Prof. Peter H. May, PhD  |
|                             | Head Department of Economics, Helmholtz Centre for Environmental Research – UFZ | Chair of Ecosystem Services, International Institute Zittau, Technical University Dresden  | Department of Development, Agriculture & Society, Federal Rural University of Rio de Janeiro |
|                             | <a href="mailto:bernd.hansjuergens@ufz.de">bernd.hansjuergens@ufz.de</a>        | <a href="mailto:irene.ring@tu-dresden.de">irene.ring@tu-dresden.de</a>   | <a href="mailto:peterhmay@gmail.com">peterhmay@gmail.com</a>                                 |