Nils Droste - Curriculum Vitae

| CONTACT INFORMATION | Department of Political House Eden, Lund Uni Allhelgona kyrkogata 1 | versity ☑ nils.droste@svet.lu.se |
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| | 223 62 Lund, Sweden | (b) 0000-0003-4357-9115 |
| RESEARCH STATEMENT | To facilitate the transition towards sustainable human-environment relations, I study the effectiveness of land use and conservation policies. | |
| EDUCATION | 2014 – 2018 | Dr. rer. pol. Public Finance and Ecological Economics, Helmholtz Centre for Environmental Research – UFZ & Martin-Luther University Halle-Wittenberg. Supervisors: B. Hansjürgens, I. Ring, C. Becker [grade: summa cum laude] |
| | 2011 – 2013 | M.A. Sustainability Economics and Management, Carl von Ossietzky University Oldenburg. Supervisors: K. Eisenack, I. Ring [grade: 1.2] |
| | 2008 – 2010 | B.A. Political Science and Economics, University Bremen. Supervisors: R. Baumann, K. Dingwerth [grade: 1.7] |
| | 2006 – 2008 | Undergraduate Diploma in Sustainability Education, Gaia University International, Steyerberg, Germany |
| Professional | from 03/2021 | Fellow, Centre for Innovation Research, Lund University |
| EXPERIENCE | from 09/2019 | Assistant Professor, Department of Political Science, Lund University |
| | | Principal Investigator, Strategic Research Area Biodiversity and Ecosystem Services in a Changing Climate, Lund University & Gothenburg University |
| | | Fellow, Centre for Environmental and Climate Science, Lund University |
| | 09/2018 - 08/2019 | 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 |
| | 05 – 07/2010 | Student Research Assistant, Artec, Center for Sustainability Research, University Bremen, Germany |
| COMMITTEE & MANAGEMENT APPOINTMENTS | from 01-2020 | Steering Committee Member, ClimBEco Graduate School (Climate, Biodiversity and Ecosystem services in a changing world), Lund University |
| | from 10-2019 | Deputy Coordinator, Biodiversity Research Theme, Biodiversity and Ecosystem Services in a Changing Climate (BECC), Lund University. |
| | from 09-2019 | Graduate Education Board Member, Centre for Environmental and Climate Research, Lund University |

| PEDAGOGICAL TRAINING | 2021 | Course Design in Higher Education, Division for Higher Education Development, Lund University (3 week FTE) |
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| | 2020 | Teaching Portfolio, Division for Higher Education Development, Lund University (1 week FTE) |
| | 2019 | Teaching and Learning in Higher Education, Division for Higher Education Development, Lund University (2 weeks FTE) |
| | | Doctoral Supervision, Division for Higher Education Development, Lund University (2 weeks FTE) |

PUBLICATION SUMMARY

Total number of peer-reviewed publications: 21 articles, 3 book chapters; Lund University profile <u>here</u>. 627 citations and h-index 10 (<u>Scopus</u>), 1163 citations and h-index 13 (<u>google scholar</u>), reviews: <u>publons</u>.

PEER REVIEWED ARTICLES

- Busch, J., Ring, I., Akullo, M., Amarjargal, O., Borie, M., Cassola, R.S., Cruz-Trinidad, A., **Droste, N.** et al. (2021) A Global Review of Ecological Fiscal Transfers. *Nature Sustainability*. Forthcoming
- Bartkowski, B., **Droste, N.**, Ließ, M., Sidemo-Holm, W., Weller, U., Brady, M.V. (2021) Implementing result-based agri-environmental payments by means of modelling. *Land Use Policy*. Forthcoming. doi: 10.1016/j.landusepol.2020.105230
- Droste, N., May, W., Clough, Y., Börjesson, G., Brady, M., Hedlund, K. (2020). Soil carbon insures arable crop production against increasing adverse weather due to climate change. *Environmental Research Letters*. Forthcoming. doi: 10.1088/1748-9326/abc5e3
- Krause, M., **Droste**, N., Matzdorf, B. (2020) What makes businesses commit to nature conservation? *Business Strategy and the Environment*. Forthcoming. doi: 10.1002/bse.2650
- D'Amato, D., Bartosz, B., **Droste, N.** (2020) Reviewing the interface of bioeconomy and ecosystem service research. *Ambio* 49: 1878–1896. doi: 10.1007/s13280-020-01374-0
- Ryu H., Coscieme L., **Droste N.**, Ghosh S., Nilsson L., Rana S. and Shrestha, U.B. (2020) Assessing Nature's Contributions to People. *Frontiers for Young Minds* 8(98). doi: 10.3389/frym.2020.00098
- **Droste, N.**, Farley, J., Ring, I., May, P.H., Ricketts, T.H. (2019) Designing a global mechanism for intergovernmental biodiversity financing. *Conservation Letters* 12(e12670). doi: 10.1111/conl.12670
- Kadykalo, A.N., López Rodriguez, M.D, Ainscough, J., Droste, N., et al. (2019) Disentangling 'ecosystem services' and 'nature's contributions to people'. *Ecosystems and People 15*(1): 269-287. doi: 10.1080/26395916.2019.1669713
- D'Amato, D., **Droste, N.**, Winkler, K.J., Toppinen, A. (2019) Thinking Green, Circular or Bio: eliciting researchers' perspectives on a sustainable economy with Q method. *Journal of Cleaner Production* 230: 460–476. doi: 10.1016/j.jclepro.2019.05.099
- **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.**, Becker, C., Ring, I., Santos, R. (2018) Decentralization Effects in Ecological Fiscal Transfers: A Bayesian Structural Time Series Analysis for Portugal. *Environmental and Resource Economics* 71(4):1027–1051. doi: 10.1007/s10640-017-0195-7
- **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* 71(1): 205–215. doi: 10.1007/s10640-017-0146-3
- **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.1774
- **Droste, N.**, Lima, G. R., May, P. H., Ring, I. (2017) Municipal Responses to Ecological Fiscal Transfers in Brazil: a microeconometric 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

PEER REVIEWED ARTICLES

- 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. In: S. E. Weishaar, L. Kreiser, J. E. Milne, H. Ashiabor, M. Mehling (eds.): *The Green Market Transition*. 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. In: N. Kabisch, A. Bonn, H. Korn, J. Stadler (eds.) *Nature-based Solutions to Climate Change in Urban Areas*. 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., Hoechstetter, S., Bismuth, C. (Eds): *Society-Water-Technology*. Springer, pp. 65-78. doi: 10.1007/978-3-319-18971-0_5

WORK IN PROGRESS

- **Droste, N.**, Bartkowski, B., Finger, R. (2020) Agricultural and environmental economics for sustainable land use hot topics based on large-scale bibliometrics.
- **Droste, N.**, Lienhoop, N., Hansjürgens, B., (2020) Participatory budgeting as collective preference articulation an institutional analysis of Ecuadorian municipal expenditure policies.
- Marzelius, M., **Droste, N.** (2021) Local institutions matter a comparative political ecology of deforestation on Hispaniola

OTHER PUBLICATIONS (SELECTION)

- Krause, M., Matzdorf, B., **Droste, N.** (2020) Survey data on voluntary nature conservation commitments of German businesses and their perceptions towards conservation credits. *Data in Brief* 33 doi: 10.1016/j.dib.2020.106625
- Krause, M., **Droste, N.**, Matzdorf, B. (2020). *Datasets from a Germany-wide business survey on voluntary nature conservation commitments*. Leibniz Centre for Agricultural Landscape Research (ZALF). doi:10.4228/ZALF.DK.149
- **Droste, N.** (2020). Ecological Fiscal Transfers: sharing money, protecting nature. *Green Economomy Coalition Insights Series*. [link]
- Meya, J., **Droste**, **N.**, Klauer, B. (2016): Methodische Defizite der Umweltbewertung im Bundesverkehrswegeplan 2030. *Wasserwirtschaft* 10: 57-58. doi: 10.1007/s35147-016-0168-8
- **Droste, N.**, Freitas Oliveira, R. (2015): On the contributions of ecological economics a student's perspective. *Boletim da Sociedade Brasileira de Economia Ecólogica ECOECO* 34/35, 8-22.
- Barton, D.N., Rusch, G.M., Ring, I., Emerton, L., **Droste, N.** (2014): Environmental and Conservation Policies The POLICYMIX Project and Final Conference. *Environmental Policy and Law* 44 (4): 368-371.

SUPERVISION

- 4 MSc theses (3 Welfare Policies and Management, 1 European Studies) Lund University 6 BSc thesis, Political Science, Lund University
- 7 MSc theses (3 Welfare Policies and Management, 3 Development Studies, 1 Global Studies) Lund University
 - 6 BSc thesis, Political Science, Lund University

TEACHING

2021

- PhD course "Causal Inference in Social and Environmental Science", ClimBEco Graduate School, Lund University, average rating 4.25 out of 5
- 2020 M.Sc. course "Political Science Methodology", Political Science, Lund University, course coordinator, average rating 3.6 out of 5
 - B.Sc. course "Environmental Governance", Political Science, Lund University, with Fariborz Zelli et al. average rating 4.2 out of 5
 - PhD course "Global Environmental Governance", ClimBEco Graduate School, Lund University with Farziborz Zelli, average rating 4.6 out of 5
- M.Sc. course "Political Science Methodology", Political Science, Lund University, with Moira Nelson et al., average rating 3.7 out of 5
 - PhD course "Global Environmental Governance", ClimBEco Graduate School, Lund University with Farziborz Zelli, average rating 4.5 out of 5

| SCHOLARSHIPS & AWARDS | 2020 2019 2018 2018 2017 2016 2015 – 2018 2015 2014 2014 2014 – 2013 | Teaching Intn'l Students Prize, Teaching and Learning Politics Group, ECPR Best 2019 paper published in Ecosystems and People Travel grant from Stiftelsen Landshövding Per Westlings minnesfond Luther-Award of the MLU Halle-Wittenberg for an excellent doctoral thesis PROMOS Funding MLU Halle-Wittenberg for Summer School Attendance Travel Grant from Leopoldina / German National Academy of Sciences Heinrich Böll Foundation Doctoral Scholarship European Society for Ecological Economics (ESEE) Best Student Paper Prize German Academic Exchange Service (DAAD) Doctoral Scholarship Thor Heyerdahl Summer School Full Scholarship – Travel & Tuition Germany Scholarship |
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| RESEARCH GRANTS | 2021 | Green forests policies: a comparative assessment of outcomes and trade-offs across Fenno-Scandinavia (GreenPole). NordForsk: 15mio NOK, coordinator. The effect of environmental policies on voter support in Sweden (MiljöPolStöd) - Margit Stiernswärds fond för miljövårdsforskning, Lund University: 38k SEK, main applicant Action Group - Social and ecological context of climate change adaptation for biodiversity. BECC – Biodiversity and Ecosystem services in a Changing Climate: 280k SEK, co-applicant |
| | 2020 | Glyphosate in social media - a spatio-temporal analysis of twitter controversies among European stakeholders (<i>GlyphoSentiment</i>), BECC – Biodiversity and Ecosystem services in a Changing Climate: 1m SEK, main applicant Network on transformative research for sustainable, safe, and just futures (<i>FUTURES</i>), STINT Initiation Grant: 150k SEK, main applicant |
| | 2019 | Glyphosate in Social Media, FRAM – Centre for Future Chemical Risk Assessment and |
| | 2018 | Management Strategies, Gothenburg University: 100k SEK, co-applicant Early Career Researcher Workshop, BECC – Biodiversity and Ecosystem services in a Changing Climate: 100k SEK, main applicant |
| PARTICIPATION IN EXTERNALLY FUNDED PROJECTS | 2018 | EU H2020 EKLIPSE, biodiversity policies in European food-beverage value chains; D. Gibassier & J. Grabs (lead), et al. |
| | 2016 | EU DG Environment, Biodiversity Financing; M. Kettunen (IEEP, lead), I. Ring (PI at UFZ), et al. |
| | 2014 – 2015 | PEER Green Economy project; R. Antikainen et al. (SYKE, lead), B. Hansjürgens (PI at UFZ), et al. |
| | 2013 – 2014 | EU FP 7 POLICYMIX Project on Policy mixes in biodiversity conservation; D.N. Barton, G. Rusch, I. Ring (lead) |
| CONFERENCE & WORKSHOP ORGANIZATION | 2020 | Scientific Program Committee for the EAERE 2020 Conference, Programme committee BECC – Biodiversity and Ecosystem services in a Changing Climate, Lund/Gothenburg, yearly meeting |
| | 2018 | Early Career Researcher Workshop, BECC – Biodiversity and Ecosystem services in a |
| | 2015 | Changing Climate, Lund/Gothenburg Organization & Moderation, Early Career Scientist Networker Meeting, European Society for Ecological Economics (ESEE), Leeds |
| | 2014 | POLICYMIX Project (FP 7) Final Conference "International Conference on Policy Mixes in Environmental and Conservation Policies", Scientific Conference Manager, KUBUS, Leipzig |
| | 2013 | Organization & session moderation, 1 st Global TraPs World Conference on Sustainable Phosphorus Management, Fraunhofer IWKS, IFDC, China Agricultural University/ Chinese Ministry of Agriculture; Beijing |
| | 2012 | Founding Member and organization of 1 st NachDenkstatt, a transdisciplinary student conference, and moderation "Sustainability & Higher Education" workshop, Carl von Ossietzky University Oldenburg, Germany Organization Centos Symposium on status and perspectives of sustainability economics, Center for Sustainability Economics and Management, Carl von Ossietzky University Oldenburg Organization of a three-week learning journey towards sustainability of 8 Ecuadorian delegates to Germany, Minga e.V. (grant €12k) |

| PRESENTATIONS / TALKS | 2021 2020 | ECPR plenary conference, roundtable: educating for a change, (invited) International Workshop on Ecological Fiscal Transfers, Earth Innovation Institute, TU |
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| | 2019 | Dresden (invited); BIOFIN Regional Dialogue Africa, UNDP (invited) Ecosystem Service Partnership (ESP), Hannover; European Society for Ecological Economics (ESEE), Turku; Department of Political Science, Lund University; Department of Biology, Lund University |
| | 2018 | Earth System Governance, Utrecht; BIOECON, Cambridge; BIOFIN conference, UNDP, Chennai (invited); Community Development and Applied Economics Department, University of Vermont; Helmholtz Centre for Environmental Research – UFZ, Leipzig; Center for Environmental and Climate Research, Lund University |
| | 2017 | US Society for Ecological Economics Conference, Minneapolis / St. Paul |
| | 2016 | Latin American Meeting of the Econometric Society, Medellín; Young Researchers Workshop, Coreper Environmental and Resource Economics (AURÖ) of the Association for Social Politics, Leipzig; |
| | 2015 | European Society for Ecological Economics (ESEE), Leeds; 3rd Green Growth Knowledge Plattform (GGKP) conference, Venice |
| | 2014 | International Society for Ecological Economics (ISEE), Reykjavik; POLICYMIX International Conference on Policy Mixes in Environmental and Conservation Policies, Leipzig |
| 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), Ecosystem Services Partnership (ESP), European Consortium for Political Research (ECPR) | |