## Nils Droste - Curriculum Vitae

| CONTACT                             | Department of Political Science  |  | +46-76-3417341   |
|-------------------------------------|--|--|--|
| Information                         | House Eden, Lund University  |  | ☑ nils.droste@svet.lu.se   |
|                                     | Allhelgona kyrkogata 14  |  | nils.droste.io   |
|                                     | 223 62 Lund, Sweden  |  | <b>6</b> 0000-0003-4357-9115   |
| RESEARCH<br>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  |  | conomics and Management, Carl von Ossietzky University isors: K. Eisenack, I. Ring [grade: 1.2]  |
|                                     | 2008 - 2010  | B.A. Political Scienc<br>Baumann, K. Ding  | e and Economics, University Bremen. Supervisors: R. werth [grade: 1.7]   |
|                                     | 2006 – 2008  | Undergraduate Diplo<br>International, Steye  | oma in Sustainability Education, Gaia University erberg, Germany   |
| PROFESSIONAL<br>EXPERIENCE          | from 09/2019   | Assistant Professor, De  | epartment of Political Science, Lund University  |
|                                     |  | Principal Investigator<br>Services in a Chang  | Strategic Research Area Biodiversity and Ecosystem ging Climate, Lund University & Gothenburg University vironmental and Climate Research, Lund University |
|                                     | 09/2018 - 08/2019  |  | Invironmental and Climate Research, Lund University  |
|                                     | 06/2017  |  | nd Institute for Ecological Economics, University of   |
|                                     | 01/2017 - 12/2017  |  | rtment of Development, Environment and Territory, Latin of Social Sciences – FLACSO Ecuador  |
|                                     | 01/2016  | Visiting Scholar, Cens<br>Universidade Nova  | e – Center for Environmental and Sustainability Research, de Lisboa  |
|                                     | 11 – 12/2014   |  | graduate Center for Development, Agriculture, and Society aural University of Rio de Janeiro   |
|                                     | 10/2013 – 10/2016  |  | Centre for Environmental Research – UFZ, POLICYMIX reen Economy Project, Biodiversity Financing Project,   |
|                                     | 04 – 09/2013   |  | istant, Helmholtz Centre for Environmental Research – ital – TEEB DE Project, Leipzig, Germany   |
|                                     | 08 – 10/2012   | Internship, Yasuní ITT<br>Ecuador, Quito, Ec   | Initiative, Yasuní ITT State Secretariat of the Republic of uador  |
|                                     | 10/2011 - 09/2013  |  | sistant, Centos – Oldenburg Centre for Sustainability sity of Oldenburg, Germany   |
|                                     | 10/2011 - 09/2012  | Student Research As<br>University of Older   | sistant, Chair for Business and Environmental Policy, nburg, Germany   |
|                                     | 05 – 07/2010   | Student Research Assi<br>Bremen, Germany   | stant, Artec, Center for Sustainability Research, University   |
| COMMITTEE & MANAGEMENT APPOINTMENTS | from 01-2020   |  | ember, ClimBEco Graduate School (Climate, Biodiversity vices in a changing world), Lund University   |
|                                     | from 10-2019   |  | Biodiversity Research Theme, Biodiversity and Ecosystem ging Climate (BECC), Lund University.  |
|                                     | from 09-2019   | Graduate Education l<br>Research, Lund Ur  | Board Member, Centre for Environmental and Climate iversity  |
| PEDAGOGICAL<br>TRAINING             | 2019-2020  | Teaching Portfolio,<br>University (1 week  | Division for Higher Education Development, Lund FTE)   |
|                                     |  |  | ng in Higher Education, Division for Higher Education d University (2 weeks FTE)   |
|                                     |  | Doctoral Supervision<br>University (2 week   | , Division for Higher Education Development, Lund s FTE)   |

PUBLICATION SUMMARY Total number of peer-reviewed publications: 19 articles, 3 book chapters, Lund University profile <u>here</u>. 460 citations and h-index 9 (<u>Scopus</u>), 821 citations and h-index 11 (<u>google scholar</u>)

PEER REVIEWED ARTICLES

- **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.
- 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*. Forthcoming. 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
- **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. In: S. E. Weishaar, L. Kreiser, J. E. Milne, H. Ashiabor, M. Mehling (eds.): *The Green Market Transition*. Edward Elgar, pp. 261-275.

|                                |  | CV Nils Droste, 10-2020, p. 3 of 4   |  |  |
|--------------------------------|--|--|--|--|
| BOOK CHAPTER                   | <b>Droste, N.</b> , 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.) <i>Nature-based Solutions to Climate Change in Urban Areas</i> . Springer, pp. 307-321. doi: 10.1007/978-3-319-56091-5_18 |  |  |  |
|                                | Hansjürgens, B., <b>Droste</b> , <b>N.</b> , 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): <i>Society-Water-Technology</i> . Springer, pp. 65-78. doi: 10.1007/978-3-319-18971-0_5              |  |  |  |
| WORK IN<br>PROGRESS            | Bartkowski, B., <b>Droste, N.</b> , Ließ, M., Sidemo-Holm, W., Weller, U., Brady, M.V. (2019) Implementing result-based agri-environmental payments by means of modelling. arXiv:1908.08219. R&R <i>Land Use Policy</i>  |  |  |  |
|                                | <b>Droste, N.</b> , Bartkows large-scale biblion   | ski, B., Finger, R. (2019). Hot topics in agricultural and environmental economics – a metric analysis.  |  |  |
|                                | <b>Droste, N.</b> , Lienhoop, N., Hansjürgens, B., (2019): Participatory budgeting as collective preference articulation – an institutional analysis of Ecuadorian municipal expenditure policies.   |  |  |  |
| OTHER PUBLICATIONS (SELECTION) | Krause, M., <b>Droste</b> , N., Matzdorf, B. (2020). <i>Datasets from a Germany-wide business survey on voluntary nature conservation commitments</i> . Leibniz Centre for Agricultural Landscape Research (ZALF). doi:10.4228/ZALF.DK.149   |  |  |  |
| (0222011011)                   | <b>Droste, N.</b> (2020). Ecological Fiscal Transfers: sharing money, protecting nature. <i>Green Economomy Coalition - Insights Series</i> . [link]   |  |  |  |
|                                | Meya, J., <b>Droste, N.</b> , Klauer, B. (2016): Methodische Defizite der Umweltbewertung im Bundesverkehrswegeplan 2030. <i>Wasserwirtschaft</i> 10: 57-58. doi: 10.1007/s35147-016-0168-8  |  |  |  |
|                                | <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 Ecólogica – ECOECO</i> 34/35, 8-22.  |  |  |  |
|                                | 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.   |  |  |  |
| SUPERVISION                    | 2020   | 3 theses, M.Sc. Welfare Policies and Management, Lund University   |  |  |
|                                |  | 3 theses, M.Sc. Development Studies, Lund University   |  |  |
|                                |  | 1 thesis, M.Sc. Global Studies, Lund University  |  |  |
|                                |  | 6 thesis, B.Sc. Political Science, Lund University   |  |  |
| TEACHING                       | 2020   | B.Sc. course "Environmental Governance", Political Science, Lund University, with Fariborz Zelli et al. average rating 4.2 out of 5  |  |  |
|                                | 2019   | 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 4.4 out of 5  |  |  |
| SCHOLARSHIPS &                 | 2020   | Best 2019 paper published in Ecosystems and People   |  |  |
| AWARDS                         | 2018   | Travel grant from Stiftelsen Landshövding Per Westlings minnesfond   |  |  |
|                                | 2018   | Luther-Award of the MLU Halle-Wittenberg for an excellent doctoral thesis  |  |  |
|                                | 2017   | PROMOS Funding MLU Halle-Wittenberg for Summer School Attendance   |  |  |
|                                | 2016   | Travel Grant from Leopoldina / German National Academy of Sciences   |  |  |
|                                | 2015 - 2018  | Heinrich Böll Foundation Doctoral Scholarship  |  |  |
|                                | 2015   | European Society for Ecological Economics (ESEE) Best Student Paper Prize  |  |  |
|                                | 2014   | German Academic Exchange Service (DAAD) Doctoral Scholarship   |  |  |
|                                | 2014   | Thor Heyerdahl Summer School Full Scholarship – Travel & Tuition   |  |  |
|                                | 2012 - 2013  | Germany Scholarship  |  |  |
| RESEARCH<br>GRANTS             | 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 Management Strategies, Gothenburg University: 100k SEK,  |  |  |
|                                | 2018   | Co-applicant  Early Career Researcher Workshop, BECC – Biodiversity and Ecosystem services in a Changing Climate: 100k SEK, main applicant   |  |  |

EU H2020 EKLIPSE, biodiversity policies in European food-beverage value

2018

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| PARTICIPATION<br>IN EXTERNALLY      | 2016  | chains; D. Gibassier & J. Grabs (lead), et al.<br>EU DG Environment, Biodiversity Financing; M. Kettunen (IEEP, lead), I. Ring<br>(PI at UFZ), et al.   |  |
| FUNDED<br>PROJECTS                  | 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 &                        | 2020  | Scientific Program Committee for the EAERE 2020 Conference  |  |
| WORKSHOP<br>ORGANIZATION            | 2018  | Early Career Researcher Workshop, BECC – Biodiversity and Ecosystem services in a Changing Climate, Lund/Gothenburg   |  |
|                                     | 2015  | Organization & Moderation, Early Career Scientist Networker Meeting, European Society for Ecological Economics (ESEE), Leeds  |  |
|                                     | 2014  | POLICYMIX Project (FP 7) Final Conference "International Conference on<br>Policy Mixes in Environmental and Conservation Policies", Scientific<br>Conference Manager, KUBUS, Leipzig  |  |
|                                     | 2013  | Organization & session moderation, 1st 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 <sup>st</sup> 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<br>Ossietzky University Oldenburg   |  |
|                                     |   | Organization of a three-week learning journey towards sustainability of 8 Ecuadorian delegates to Germany, Minga e.V. (grant €12k)  |  |
| PRESENTATIONS                       | 2020  | International Workshop on Ecological Fiscal Transfers, Earth Innovation Institute, TU Dresden (invited); BIOFIN Regional Dialogue Africa UNDP (invited)   |  |
|                                     | 2019  | 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<br>2003 – 2004  | Deputy speaker, public finance working group, Green Party, Saxony, Germany Volunteer (Civil Service) in development cooperation, San Martin Alto, Chimborazo, Ecuador (sent by Scheune e.V.)  |  |
| CURRENT<br>MEMBERSHIPS              | International Society for Ecological Economics (ISEE), Ecosystem Services Partnership (ESP), European Consortium for Political Research (ECPR)  |   |  |
| REVIEW<br>ACTIVITIES<br>(SELECTION) | Journal of Cleaner Production, Land Use Policy, Ecological Economics, European Review of Agricultural Economics, Forest Policy and Economics, Conservation Biology, Journal of Environmental Management, Ecosystem Services, Ecology and Society, Climate Policy, One Earth |   |  |