

# CV Daniel Slunge (Feb 2026)

Environment for Development (EfD), School of Business, Economics and Law, University of Gothenburg

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**Bibliometrics** (Google Scholar, as of February 2026): 2,008 citations; h-index 20; i10-index 29.

## Research profile

- Research at the interface of economics, governance and natural science, with a focus on risk related preferences and behaviour, policy instrument design and implementation, including policy acceptance
- Applied to topics such as tick-borne diseases and chemical risk governance.
- Methods include survey research (including stated preferences and survey experiments), systematic evidence synthesis, register-based analyses, and comparative policy reviews using secondary data and regulatory documentation.

## Academic and research appointments

- Director, Centre for Future Chemical Risk Assessment and Management (FRAM), University of Gothenburg (2024–present).
- Researcher and Policy Engagement Director, Environment for Development (EfD), University of Gothenburg (2021–present).
- Principal Investigator (PI) in [BECC](#) – Biodiversity and Ecosystem services in a Changing Climate (Lund University & University of Gothenburg) since 2010; member of the steering group from 2025.
- Research Leader Initiative (University of Gothenburg) – leadership programme for researchers (2024–2025)
- Principal Investigator (PI) in the Inclusive Green economy in practice programme in five East African countries (2021–present) (<https://www.efdinitiative.org/inclusive-green-economy-practice>)
- Researcher and Senior Policy Analyst, Gothenburg Centre for Sustainable Development (GMV), University of Gothenburg and Chalmers University of Technology (2011–2020).
- Postdoctoral researcher (part-time), Department of Biology and Environmental Sciences, University of Gothenburg (2017–2020).
- PhD candidate (part-time), Department of Economics, University of Gothenburg (2011–2017).
- Policy analyst, Sida helpdesk for environmental economic analysis, Environmental Economics Unit, Department of Economics, University of Gothenburg (2003–2011).

## Other professional experience

- Head of Regional Office (South America), Swedish NGO Diakonia (Bolivia/Peru/Paraguay/Colombia), management responsibility for 18 staff and support to 60+ civil society organisations (2001–2003).
- Environmental management consultant, Environmental Resources Management (ERM) Scandinavia (1998–2001).

- Agenda 21 coordinator, Kungsbacka Municipality; project leader for development of local action plan for sustainable development (1996–1998).

## Education

- PhD (Dr. Phil.) in Environmental Management and Economics, University of Gothenburg (degree awarded 2017). Thesis: Essays on Environmental Management and Economics: Public Health, Risk and Strategic Environmental Assessment.
- MSc in Economics, University of Gothenburg (1997). MSc thesis: Förbudet mot trikloretylen, ett hot mot industrins konkurrenskraft?
- Cross-disciplinary environmental studies, Aarhus University (1992–1993).
- Luther College, USA (1987–1988).

## Competitive research funding

### As project leader (PI)

Period	Project	Funder	Role	Amount (SEK)
2026–2027	TRACE-AI – Transparent and Accessible Information for a Chemically Safe Circular Economy	FORMAS	Project leader (PI)	3 million
2025–2027	INCENTIVIZE – Transferable quotas, fees and taxes for a less toxic circular economy	MISTRA	Project leader (PI)	6 million
2021–2024	Improving the use of information and taxes to phase out hazardous chemicals in consumer products	FORMAS	Project leader (PI)	6 million

### Other funded projects (contributor)

- FORMAS: Recycled plastics – weeding out the toxic chemicals (project member, 2022–2024; 4 million SEK; Co-applicant).
- University of Gothenburg: *FRAM – Centre for Future Chemical Risk Assessment and Management Strategies* (Centre funding; co-applicant; 2016–2022; total funding: 50 MSEK)

## Teaching and supervision

- Environmental Policy Instruments. MSc course, Chalmers University of Technology. Annual 2016–ongoing. Guest lecturer.
- Strategic Sustainability Assessment – Integrating environment in strategic decision making and planning. MSc course, University of Gothenburg. Annual 2007–ongoing. Lecturer (7.5 credits).
- From Research to Policy for Sustainable Development. Multidisciplinary PhD course, Chalmers (participants from several universities). Annual 2013–2022 (course responsible 2020–2022). Course responsible / lecturer (3 credits).
- Risk Analysis. Multidisciplinary PhD course in collaboration with Lund University. Fall 2016 and 2019. Co-responsible / lecturer (7.5 credits).

- Master’s thesis supervision: Main supervisor for two MSc theses at Chalmers University of Technology (2020; 2021); Main supervisor for one MSc theses at the University of Gothenburg (2019); Co-supervisor for two MSc theses at the University of Gothenburg (2019;2024).

## Peer review

Peer reviewer (ad hoc) for journals including the Journal of Environmental Economics and Management (JEEM), Environmental and Resource Economics (ERE), Journal of Environmental Management, Environmental Impact Assessment Review, Risk Analysis, Integrated Environmental Assessment and Management, PLOS ONE, Acta Tropica, and Parasites & Vectors.

## Advisory roles and commissioned work (selected)

- OECD (Environment Directorate): Economic instruments to incentivise substitution of chemicals of concern – review (2023).
- Swedish Expert Group on Aid-studies (EBA), Co-author of reports on Public Opinion on Carbon Pricing and Revenue Uses in East Africa (2024) and Circular Economy in Swedish Development Cooperation (2021)
- UN Environment: Global Chemicals Outlook II – lead author (policy instruments for chemicals management, 2017–2018).
- World Bank: Evaluation framework for Institutions-Centered Strategic Environmental Assessment pilot programme (project leader, 2007–2011).
- Swedish Government inquiry on chemical mixtures and grouping (Expert and co-author, Dir. 2018:25) and on taxation of chemicals in textiles and shoes (Expert, Fi 2019:01).
- UNDP, commissioned report “Governance Bottlenecks and Policy Options for Sustainable Materials Management (2013)

## Languages

- Swedish (native)
- English (professional proficiency)
- Spanish (working proficiency)
- Danish (basic)
- German (basic)
- Portuguese (basic)

## Publications

### Selected peer-reviewed journal articles

Aloyce, H., Babyenda, P., Ndwiga, M., Ntiyakunze, M., Okumu, B., Teklewold, H., Stage, J., & Slunge, D. (2026). Public acceptance of policies to reduce forest loss: Evidence from a large-N cross-national survey in East Africa. *Forest Policy and Economics*, 185, 103727. <https://doi.org/10.1016/j.forpol.2026.103727>

- Boman, A., Kataria, M., Lampi, E., & Slunge, D. (2026). Ethical trade-offs in fast fashion: Exploring social, environmental, and health dimensions in clothing consumption. *Ecological Economics*, 242, 108878.
- Backhaus, T., Scholze, M., Brack, W., Martin, O., Slunge, D., Ågerstrand, M., ... & Escher, B. (2025). Include a mixture allocation factor to improve EU chemical risk management. *Science*, 390(6774), 678–680.
- Carney Almroth, B., Carmona, E., Chukwuone, N., Dey, T., Slunge, D., Backhaus, T., & Karlsson, T. (2025). Addressing the toxic chemicals problem in plastics recycling. *Cambridge Prisms: Plastics*, 3, e3.
- Harring, N., Ndwiga, M., Nordén, A., & Slunge, D. (2024). Public acceptability of policy instruments for reducing fossil fuel consumption in East Africa. *Climate Policy*.
- Boman, A., Miguel, M., Andersson, I., & Slunge, D. (2024). The effect of information about hazardous chemicals in consumer products on behaviour – A systematic review. *Science of the Total Environment*, 174774.
- Slunge, D., Miguel, M., Lindahl, L., & Backhaus, T. (2023). The implementation of the substitution principle in European chemical legislation: a comparative analysis. *Environmental Sciences Europe*, 35, 107.
- Coria, J., Dupoux, M., Faucheux, L., & Slunge, D. (2023). What drives the substitution of hazardous flame retardants in electronic appliances in Sweden? *Cleaner Waste Systems*.
- Slunge, D., Andersson, I., & Sterner, T. (2022). REACH authorisation and the substitution of hazardous chemicals: The case of trichloroethylene. *Journal of Cleaner Production*.
- Slunge, D., Boman, A., & Studahl, M. (2022). Burden of Tick-Borne Encephalitis, Sweden. *Emerging Infectious Diseases*, 28(2), 314–322.
- Slunge, D., Jore, S., Krogfelt, K. A., et al. (2019). Who is afraid of ticks and tick-borne diseases? Results from a cross-sectional survey in Scandinavia. *BMC Public Health*, 19, 1666.

## Complete publication list

### Peer reviewed publications

- Aloyce, H., Babyenda, P., Ndwiga, M., Ntiyakunze, M., Okumu, B., Teklewold, H., Stage, J., & Slunge, D. (2026). Public acceptance of policies to reduce forest loss: Evidence from a large-N cross-national survey in East Africa. *Forest Policy and Economics*, 185, 103727. <https://doi.org/10.1016/j.forpol.2026.103727>
- Boman, A., Kataria, M., Lampi, E., & Slunge, D. (2026). Ethical trade-offs in fast fashion: Exploring social, environmental, and health dimensions in clothing consumption. *Ecological Economics*, 242, 108878. <https://doi.org/10.1016/j.ecolecon.2025.108878>
- Backhaus, T., Scholze, M., Brack, W., Martin, O., Slunge, D., Ågerstrand, M., ... & Escher, B. (2025). Include a mixture allocation factor to improve EU chemical risk management. *Science*, 390(6774), 678–680.
- Hansen, M. F., Shorter, J., Jepsen, M. T., Boman, A., Jokelainen, P., Jore, S., Slunge, D., & Krogfelt, K. A. (2025). Vaccination against tick-borne encephalitis virus in Denmark, Norway and Sweden. *Vaccine: X*, 2025, 100625. <https://doi.org/10.1016/j.jvaxc.2025.100625>
- Carney Almroth, B., Carmona, E., Chukwuone, N., Dey, T., Slunge, D., Backhaus, T., & Karlsson, T. (2025). Addressing the toxic chemicals problem in plastics recycling. *Cambridge Prisms: Plastics*, 3, e3. <https://doi:10.1017/plc.2025.1>
- Boman, A., Miguel, M., Andersson, I., & Slunge, D. (2024). The effect of information about hazardous chemicals in consumer products on behaviour—A systematic review. *Science of the Total Environment*, 174774. <https://doi.org/10.1016/j.scitotenv.2024.174774>

- Niklas Harring, Michael Ndwiga, Anna Nordén & Daniel Slunge (2024) Public acceptability of policy instruments for reducing fossil fuel consumption in East Africa, *Climate Policy*, <https://doi.org/10.1080/14693062.2024.2302319>
- Slunge, D., Miguel, M., Lindahl, L. and Thomas Backhaus. The implementation of the substitution principle in European chemical legislation: a comparative analysis. *Environ Sci Eur* 35, 107 (2023). <https://doi.org/10.1186/s12302-023-00817-1>
- Jessica Coria, Marion Dupoux, Laurent Faucheux and Daniel Slunge. What drives the substitution of hazardous flame retardants in electronic appliances in Sweden?, *Cleaner Waste Systems*, (2023) <https://doi.org/10.1016/j.clwas.2023.100113> .
- Slunge, D., Andersson, I., & Sterner, T. (2022). REACH authorisation and the substitution of hazardous chemicals: The case of trichloroethylene. *Journal of Cleaner Production*, <https://doi.org/10.1016/j.jclepro.2022.132637>.
- Almroth, B. C., & Slunge, D. (2022). Circular economy could expose children to hazardous phthalates and chlorinated paraffins via old toys and childcare articles. *Journal of Hazardous Materials Advances*, <https://doi.org/10.1016/j.hazadv.2022.100107> .
- Slunge, D., Boman, A., & Studahl, M. (2022). Burden of Tick-Borne Encephalitis, Sweden. *Emerging infectious diseases*, 28(2), 314–322. <https://doi.org/10.3201/eid2802.204324>
- Solveig Jore , Sophie O. Vanwambeke , Daniel Slunge , Anders Boman , Karen A. Krogfelt , Martin Tugwell Jepsen & Line Vold. Spatial tick bite exposure and associated risk factors in Scandinavia. *Infection Ecology & Epidemiology*, Volume 10, 2020 - Issue 01
- Slunge, D., Jore, S., Krogfelt, K.A. et al. Who is afraid of ticks and tick-borne diseases? Results from a cross-sectional survey in Scandinavia. *BMC Public Health* 19, 1666 (2019) doi:10.1186/s12889-019-7977-5
- Jepsen MT, Jokelainen P, Jore S, Boman A, Slunge D, Krogfelt KA. 2019. Protective practices against tick bites in Denmark, Norway and Sweden: a questionnaire-based study. *BMC Public Health*;19(1):1344.
- Slunge, D., Sterner, T. and Adamowicz, W. 2019. Valuation When Baselines Are Changing: Tick-borne Disease Risk and Recreational Choice. *Resource and Energy Economics*. <https://doi.org/10.1016/j.reseneeco.2019.101119>
- Slunge, D., & Alpizar, F. (2019). Market-Based Instruments for Managing Hazardous Chemicals: A Review of the Literature and Future Research Agenda. *Sustainability*, 11(16), 4344. <https://doi.org/10.3390/su11164344>
- Knaggård, Å., Slunge, D., Göthberg, M., Ekbom, A. and Sahlin, U., 2019. Researchers' approaches to stakeholders: interaction or transfer of knowledge? *Environmental Science and Policy*. 97, 25-35. <https://doi.org/10.1016/j.envsci.2019.03.008>
- Groh KJ, Backhaus T, Carney-Almroth B, Geueke B, Inostroza PA, Lennquist A, Leslie HA, Maffini M, Slunge D, Trasande L, Warhurst AM, Muncke J. 2018. Overview of known plastic packaging-associated chemicals and their hazards. *Science of the Total Environment* 651: 3253-3268.
- Slunge, Daniel, & Boman, Anders. (2018). Learning to live with ticks? The role of exposure and risk perceptions in protective behaviour against tick-borne diseases. *Plos One*, 13(6), PLoS ONE, 2018, Vol.13(6).

- Slunge, Daniel. 2015. The Willingness to Pay for Vaccination against Tick-Borne Encephalitis and Implications for Public Health Policy: Evidence from Sweden. Plos One. DOI: 10.1371/journal.pone.0143875.
- Slunge, Daniel and Tran Tran. 2014. Challenges to Institutionalizing Strategic Environmental Assessment – the Case of Vietnam. *Environmental impact assessment review*. 48 s. 53-61.
- Slunge, Daniel and Fernando Loayza. 2012. Greening Growth through Strategic Environmental Assessment of Sector Reforms. *Public Administration and Development*, 32 (3 ) s. 245-261.
- Axelsson, A.; Annandale, D.; Cashmore, M.; Slunge, Daniel; Ekbom, Anders; Loayza, F.; Verheem, R. 2012. Policy SEA: lessons from development co-operation. *Impact Assessment and Project Appraisal*, 30 ( 2 ) s. 124-129
- Slunge, Daniel and Sterner, Thomas. 2009. “Environmental Fiscal Reform in East and Southern Africa and its Effects on Income Distribution”, in *Rivista di Politica Economica*, XII-IX.
- Slunge, Daniel and Sterner, Thomas. 2001. 'Implementation of Policy Instruments for Chlorinated Solvents', *European Environment*, Volume 11, Number 5, September-October 2001, P.281-296.

### Editorials

- Backhaus, T., & Slunge, D. (2021). Toward a Better Integration of Chemical Risk Assessment and Economics. *Integrated Environmental Assessment and Management* — Volume 17, Number 2—pp. 319–320.

### Book chapters

- Slunge, Daniel, A. Ekbom, F. Loayza, W. Nyangena and P.Guthiga. 2015. Can Strategic Environmental and Social Assessment of REDD+ Improve Forest Governance?, Chapter in the book: *Forest Tenure Reform in Asia and Africa - Local Control for Improved Management, and Carbon Sequestration*, Chapter: 16, Publisher: RFF Press, Editors: Randall A. Bluffstone and Elizabeth J.Z. Robinson, pp.251-267

### Reports

- Aguilar-Gomez, Sandra; Akpalu, Wisdom; Babyenda, Peter; César, Emelie; Chukwuone, Nnaemeka; Das, Saudamini; Ekbom, Anders; Gebreegziabher, Zenebe; Hansson, Petra; Hepelwa, Aloyce; Hoa, Dang Le; Kebede G., Selamawit; Kigundu, Kenneth; Maldonado, Jorge H.; Mellin, Anna; Mercado, Leida; Muchapondwa, Edwin; Mulwa, Richard; Murithi Makandi, Jackline; Oranu, Chizoba O.; Saldarriaga, Adrián; Slunge, Daniel; Sterner, Erik; Wango, Virginia; Wright, Hannah; Zikhali, Precious (2025). *Bridging the Research–Policy Gap for Sustainable Development: A Handbook for Policy Engagement and Impact in the Global South*. Environment for Development, University of Gothenburg. <https://hdl.handle.net/2077/89563>
- Harring, N., A. Nordén, D. Slunge (2024), *Public Opinion on Carbon Pricing and Revenue Uses in East Africa*, EBA Report 2024:03, The Expert Group for Aid Studies (EBA), Sweden. [https://eba.se/wp-content/uploads/2024/05/2024\\_03-Public-Opinion-on-Carbon-Pricing-and-Revenue-Uses-in-East-Africa.pdf](https://eba.se/wp-content/uploads/2024/05/2024_03-Public-Opinion-on-Carbon-Pricing-and-Revenue-Uses-in-East-Africa.pdf)
- Slunge, Daniel. 2023. *Economic instruments to incentivise substitution of chemicals of concern -a review*. OECD Series on Risk Management, No. 79, Environment, Health and Safety, Environment Directorate, OECD. Affiliation: Organisation for Economic Co-operation and Development (OECD). <https://www.oecd.org/chemicalsafety/risk-management/economic-instruments-to-incentivise-substitution-of-chemicals-of-concern-a-review.pdf>

- Slunge, D., Andersson, I., Wikström, P. and Sterner, T. (2021), Circular Economy – a Conceptual Review and Analysis of Implications for Swedish Development Cooperation, EBA Working Paper, May 2021, Expert Group for Aid Studies (EBA), Sweden. <https://eba.se/en/reports/circular-economy-a-conceptual-review-and-analysis-of-implications-for-swedish-development-cooperation/14884/>
- ANDERSSON, I. & SLUNGE, D. 2021. Substitution of trichloroethylene in metal parts cleaning in the European Union: A survey-based study on the effects of the authorisation requirements in REACH. Working paper. University of Gothenburg.
- Slunge, D., & Alpizar, F. 2019. Fiscal incentives to advance sound management of chemicals and sustainable chemistry. Review Paper for the Global Chemicals Outlook II report. doi; 10.13140/RG.2.2.28061.67042
- Rudén, C., Backhaus, T., Bergman, P., Faust, M., Molander, L. and Slunge, D. 2019. Future chemical risk management - Accounting for combination effects and assessing chemicals in groups. Swedish government inquiries. Swedish Government Official Reports. SOU 2019:45. Stockholm. <https://www.government.se/legal-documents/2019/11/sou-201945/>
- Slunge D., Drakenberg O., Ekbohm A., Göthberg M., Knaggård Å. and Sahlin U. 2017. Stakeholder Interaction in Research Processes – a Guide for Researchers and Research Groups. University of Gothenburg, Gothenburg. doi: 10.13140/RG.2.2.28518.22080.
- Slunge D., Norin, H., and Rosander, P. 2015. Assessment of safeguarding systems for the use of pesticides within Swedish financed programmes in Tanzania. Sida Helpdesk for Environment and Climate Change, University of Gothenburg: Gothenburg. DOI: 10.13140/RG.2.2.33287.39849
- Ölund Wingqvist, Gunilla and Slunge, Daniel, 2013. Governance Bottlenecks and Policy Options for Sustainable Materials Management - A Discussion paper. United Nations Development Programme and the Swedish Environmental Protection Agency.
- Ölund Wingqvist, G., Drakenberg, O., Slunge, D., Sjöstedt, M. Ekbohm, A. 2012. The Role of Governance for Improved Environmental Outcomes. Report 6514. Swedish Environmental Protection Agency, Stockholm.
- Slunge, Daniel and Emelie César. 2012. Swedish Bilateral Support to Environmental Capacity Development – Overview of Key Results and Lessons Learned, Sida, Stockholm.
- Loayza, Fernando, Daniel Slunge, Anna Axelsson and Rob Verheem. 2011. Greening Growth through Strategic Environmental Assessment of Sector Reforms. Environment Note 7, World Bank. Washington D.C.
- Slunge, D., S. Nootboom, A. Ekstrom. G. Dijkstra, and R. Verheem (2009), Conceptual Analysis and Evaluation Framework for Institution-Centered Strategic Environmental Assessment. Unpublished report for the World Bank.
- Garcia, J. and Slunge, D., 2015. Environment and climate change management: Perspectives for post conflict-Colombia. Policy brief. University of Gothenburg doi 10.13140/RG.2.1.2983.4001
- Slunge, D., & von Walter, S. (2013). Environment and climate change in Bolivia: Challenges and opportunities for development. University of Gothenburg and Swedish University for Agricultural Sciences. DOI: 10.13140/RG.2.1.2341.2645/1
- Slunge, D. & Wingqvist, G. O. (2010). Zambia environmental and climate change policy brief. University of Gothenburg: Gothenburg, Sweden, 1-3. DOI: 10.13140/RG.2.1.3068.1441

Slunge, D. (2008). Conflict, Environment and Climate Change in Colombia. University of Gothenburg: Gothenburg, Sweden. DOI: 10.13140/RG.2.1.1495.2808

Slunge, D., & Jaldin, R. (2007). Bolivia environmental policy brief: Environmental sustainability, poverty and the National Development Plan. School of Economics and Commercial Law. Gotenborg University.

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Andersson, J., Slunge, D., & Berlekom, M. (2005). Tanzania–Environmental Policy Brief. Tanzania–Environmental Policy Brief.