

## Publications & Conferences

### Scientific articles:

- Förster, J.**, Schmidt, S., Bartkowski, B., Lienhoop, N., Albert, C., Wittmer, H. (2019): Incorporating environmental costs of ecosystem service loss in political decision making: A synthesis of monetary values for Germany PLOS One 14 (2), e0211419 ([open access](#))
- Cumming, T. L., R. T. Shackleton, **J. Förster**, J. Dini, A. Khan, M. Gumula, and I. Kubiszewski (2017) Achieving the National Development Agenda and the Sustainable Development Goals (SDGs) through Investment in Ecological Infrastructure: A Case Study of South Africa. Ecosystem Services, (doi:[10.1016/j.ecoser.2017.05.005](#))
- Förster, J.**, J. Barkmann, R. Fricke, S. Hotes, M. Kleyer, S. Kobbe, D. Kübler, C. Rumbaur, M. Siegmund-Schultze, R. Seppelt, J. Settele, J. H. Spangenberg, V. Tekken, T. Václavík, and H. Wittmer. 2015. Assessing ecosystem services for informing land-use decisions: a problem-oriented approach. Ecology and Society 20(3):31. ([open access](#))
- Wittmer, H., **Förster, J.** (2011): Die TEEB-Studie - The economics of ecosystems and biodiversity *Nat. Landschaft* 86 (4), 148 – 150 [Volltext \(PDF\)](#)
- Sandker, M., S.K. Nyame, **J. Förster**, N. Collier, G. Shepherd, D. Yeboah, D. Ezzine-de Blas, M. Machwitz, S. Vaatainen, E. Garedew, G. Etoga, C. Ehringhaus, J. Anati, O.D.K. Quarm, B. M. Campbell. 2010. REDD payments as incentive for reducing forest loss: A case from Ghana. Conservation Letters 3, 114-121. ([open access](#))
- Karlsson, J., T.R. Christensen, P. Crill, **J. Förster**, D. Hammarlund, M. Jackowicz-Korczynski, U. Kokfelt, C. Roehm, P. Rosén. 2010. Quantifying the relative importance of lake emissions in the carbon budget of a subarctic catchment. Journal of Geophysical Research 115. ([doi](#))
- Kokfelt, U., P. Rosén, K. Schoning, T.R. Christensen, **J. Förster**, J. Karlsson, N. Reuss, M. Rundgren, T.V. Callaghan, C. Jonasson, and D. Hammarlund. 2009. Ecosystem responses to increased precipitation and permafrost decay in subarctic Sweden inferred from peat and lake sediments. Global Change Biology. ([doi](#))
- Bindler, R., M. Klarqvist, J. Klaminder, **J. Förster** 2004. Does within-bog spatial variability of mercury and lead constrain reconstructions of absolute deposition rates from single peat records? The example of Store Mosse, Sweden. Global Biogeochemical Cycles 18, GB3020. ([doi](#))

### Book chapters on Ecosystem Services and TEEB:

- Förster, J.**, Mcleod, E., Bruton-Adams, M.M., Wittmer, H. (2019): Climate change impacts on small island states: ecosystem services risks and opportunities In: Schröter, M., Bonn, A., Klotz, S., Seppelt, R., Baessler, C. (eds.) *Atlas of ecosystem services: drivers, risks, and societal responses* Springer International Publishing, Cham, p. 353 – 359 [Volltext \(PDF\)](#)
- Schröter, M., Kuhlicke, C., **Förster, J.**, Baessler, C., Bonn, A. (2019): The risk to ecosystems and ecosystem services: a framework for the Atlas of ecosystem services In: Schröter, M., Bonn, A.,

Klotz, S., Seppelt, R., Baessler, C. (eds.) *Atlas of ecosystem services: drivers, risks, and societal responses* Springer International Publishing, Cham, p. 3 – 6 [Volltext \(PDF\)](#)

Berghöfer, A., Dudley, N., **Förster, J.** (2012): Ecosystem services and protected areas. In: Wittmer, H., Gundimeda, H. (eds.) *The economics of ecosystems and biodiversity in local and regional policy and management* Earthscan, London, p. 195 – 217

Gundimeda, H., Wätzold, F., **Förster, J.** (2012): Payments for ecosystem services In: Wittmer, H., Gundimeda, H. (eds.) *The economics of ecosystems and biodiversity in local and regional policy and management* Earthscan, London, p. 223 - 250

Wissel, S., Berghöfer, A., Jordan, R., Oldfield, S., Stellmacher, T., **Förster, J.** (2012): Certification and labelling In: Wittmer, H., Gundimeda, H. (eds.) *The economics of ecosystems and biodiversity in local and regional policy and management* Earthscan, London, p. 263 – 278

Wittmer, H., Berghöfer, A., **Förster, J.** (2012): Appendix: practical advice, FAQs, tools and databases In: Wittmer, H., Gundimeda, H. (eds.) *The economics of ecosystems and biodiversity in local and regional policy and management* Earthscan, London, p. 301 – 313

Wittmer, H., Berghöfer, A., Keune, H., Martens, P., **Förster, J.**, Almack, K. (2012): The value of nature for local development In: Wittmer, H., Gundimeda, H. (eds.) *The economics of ecosystems and biodiversity in local and regional policy and management* Earthscan, London, p. 7 - 32

### TEEB Reports:

Vohland, K., Doyle, U., Albert, C., Bertram, C., Biber-Freudenberger, L., Bonn, A., Brenck, M., Burkhard, B., **Förster, J.**, et al. (2015) Ökosystemleistungen, Biodiversität und Klimawandel: Grundlagen. In: *Naturkapital und Klimapolitik - Synergien und Konflikte*, Editors: Volkmar Hartje, Henry Wüstemann, Aletta Bonn, pp.66-99. ([open access](#))

Russi D., ten Brink P., Farmer A., Badura T., Coates D., **Förster J.**, Kumar R. and Davidson N. (2013) *The Economics of Ecosystems and Biodiversity for Water and Wetlands*. IEEP, London and Brussels; Ramsar Secretariat, Gland. ([open access](#)) (Official draft for CBD COP 11: [UNEP/CBD/COP/11/INF/22](#))

Wittmer, H., A. Berghöfer, **J. Förster**, K. Almack 2010. The Value of Nature in Local Development (Ch1). In: *TEEB – The Economics of Ecosystems and Biodiversity for Local and Regional Policy Makers*, 11-27. ([open access](#))

Berghöfer, A., N. Dudley, **J. Förster** 2010. Ecosystem Services and Protected Areas (Ch7). In: *TEEB – The Economics of Ecosystems and Biodiversity for Local and Regional Policy Makers*, 125-140. ([open access](#))

### Others:

Wittmer, H. und **J. Förster** 2010. Biologische Vielfalt und Klimawandel – Ansätze für eine kohärente Umweltpolitik: Erkenntnisse aus dem Bericht zu TEEB – The Economics of Ecosystems and Biodiversity. In: Eppele C., H. Korn, K. Kraus, J. Stadler. *Biologische Vielfalt und*

Klimawandel, Tagungsband der 2. BfNForschungskonferenz „Biologische Vielfalt und Klimawandel“, BfN, Bonn. 13-15.

**Förster, J.** (2009) "The Potential for Reducing Emissions from Deforestation and Degradation (REDD) in Western Ghana". MSc Thesis in Global Change Ecology. Bayreuth University, Germany.

**Förster, J.** (2006) "A 400-year reconstruction of lake water carbon in a subarctic permafrost lake inferred from NIR and FTIR spectra of lake sediment." MSc Thesis in Physical Geography. Umea University, Sweden.

**Förster, J.** (2006) "Metabolic Balance and CO<sub>2</sub> Saturation in a Subarctic Permafrost Lake." BSc Thesis in Biology. Umea University, Sweden.

## ValuES Online Tools:

Berghöfer, A., Manns, F., **Förster, J.**, Schmidt, S. (eds., 2014): ValuES Methods Database. Finding suitable methods for assessing ecosystem services [Volltext \(URL\)](#)

Berghöfer, A., Wittmer, H., Emerton, L., van Zyl, H., Rode, J., **Förster, J.** (2014): ValuES Methods Navigator. How to choose suitable assessment methods? [Volltext \(URL\)](#)

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## Conferences (selection)

12/2018 UNFCCC COP 24, Katowice, Germany. Delegate of a Small Island State.

11/2017 UNFCCC COP 23, Bonn, Germany. Delegate of a Small Island State.

12/2016 CBD COP 13, Cancun, Mexico. Delegate of a Small Island State.

12/2015 UNFCCC COP 21, Paris, France. Delegate of a Small Island State.

1/2015 3rd Meeting of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), Bonn, Germany. Observer.

1/2013 1st Meeting of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), Bonn, Germany. Presentation on TEEB.

12/2012 UNCCD capacity building workshop by the OSLO consortium on the economic valuation of land and ecosystem services, Rwanda. Lecture on TEEB.

10/2012 CBD COP 11, Hyderabad, India. Organisation of TEEB side events.

9/2012 IUCN World Conservation Congress, South Korea. Organisation of TEEB side events.

6/2012 Rio+20 United Nations Conference on Sustainable Development, Rio de Janeiro, Brazil, 2012. Organisation of TEEB side events and presentations on behalf of UNEP- TEEB.

12/2011 UNFCCC COP 17, Durban, South Africa. Observer.

10/2011 Rio+20 Regional Science and Technology Workshop for Europe, Helsinki, Finland. Presentation on: "TEEB - The Economics of Ecosystems and Biodiversity: Insights and examples that are of relevance for a Green Economy".

12/2010 UNFCCC COP 16, Cancun, Mexico. Observer.

11/2010 Biodiversity Summit, Bündnis 90 Die Grünen, German Parliament, Berlin. Title of Presentation: "TEEB - The Economics of Ecosystems and Biodiversity".

7/2010 UNEP-Workshop: Investing in Biodiversity and maximizing benefits of the Green Economy, Gabala, Azerbaijan. Title of presentation: "TEEB - The Economics of Ecosystems and Biodiversity".

12/2009 UNFCCC COP 15, Copenhagen, Denmark. Observer.

10/2008 IUCN World Conservation Congress, Barcelona, Spain.

6/2008 CBD-side event at UNFCCC SBSTA 28, Bonn, Germany. Title of presentation: "Bundling Payments for Carbon and Biodiversity".

5/2008 CBD COP 9, Bonn, Germany. Observer.

10/2007 UNECE/FAO Policy Forum: Opportunities and Impacts of Bioenergy Policies and Targets on the Forest and other Sectors, Geneva, Switzerland. Observer.