

Dr. Tone SMITH

WU-Affiliated researcher

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Research interests

- social ecological transformation and structural change
- ecological economics
- degrowth
- social provisioning systems
- indicators and environmental accounting
- sustainable food systems and the right to food
- philosophy of science/critical realism

Research projects

Current:

- *Social-Ecological Transformation: Green New Deals, degrowth and alternative social provisioning systems*
- *Protecting nature or financialising nature?*

Former projects:

- Doctoral dissertation: *The role of numbers in environmental politics: The Economics of Ecosystems and Biodiversity (TEEB)*
- *Sustainable Development Indicators (SDI) in the Context of the Precautionary Principle*. Funded by the Norwegian Research Council. Project leader: Iulie Aslaksen.
- Project leader for three European Commission (Eurostat) projects 2008-2010:
 1. Environmental Economic Accounts: Requirements for energy statistics in energy accounts
 2. Environmental Accounts: Environmental goods and services sector; Environmentally related taxes
 3. Expanding Environmental Accounts: energy, waste and environmentally motivated transfers

Publications

Monographs

Smith, Tone (2017): *The role of numbers in environmental policy: The Economics of Ecosystems and Biodiversity (TEEB)*. Doctoral Thesis, WU Wien. September 2017. <http://epub.wu.ac.at/5853/>

Smith, Tone (1996): *Matvaresikkerhet. En analyse av strategier for økning av matvaresikkerheten i Sør* [Food Security. Analysis of strategies for increased food security in the global South]. Hovedoppgave i Samfunnsgeografi/Master thesis. Universitetet i Oslo. August 1996.

Journal articles

Smith, Tone (2021): Wie radikal ist der Green New Deal? [How radical is the Green New Deal?]. In *Prokla*, 202 (1), pp. 9-30. DOI: 10.32387/prokla.v51i202.1928.

Spash, Clive L. & Tone Smith (2019): *Of ecosystems and economies: re-connecting economics with reality*. In *Real-world economics review* 87, pp. 212-229. ISBN 1755-0472.

Edited Books/book chapters

Smith, T., E. Boye, R. Eliassen, & B. A. Sæther (Eds.) (2021, forthcoming). *Økonomisk tenkning* [Economic thinking]. Oslo: Solum Bokvennen.

Spash, Clive & Tone Smith (forthcoming): *The Values of Nature*, in L. Pellizzoni, E. Leonardi, & V. Asara (Eds.), *The Edward Elgar Companion on Critical Environmental Politics*. Cheltenham: Edward Elgar Publishing.

Smith, Tone (forthcoming): *Financialisation of Nature*, in L. Pellizzoni, E. Leonardi, & V. Asara (Eds.), *The Edward Elgar Companion on Critical Environmental Politics*. Cheltenham: Edward Elgar Publishing.

Puller, Armin & Tone Smith (2017): *A Critical and Realist Approach to Ecological Economics*. In Spash, Clive L. (Ed.): *Handbook of Ecological Economics. Nature and Society*. Routledge, London, pp. 17-26. Routledge, London. ISBN 978-1-138-93151-0.

Smith, Tone (1995): *Befolkningsutvikling, matforsyning og ernæringsforhold* [Population, food supply and nutrition]. In *Samfunnsgeografi Hovedfagsårbok 1995*, Universitetet i Oslo. ISBN 82-91528-01-2.

Papers presented at scientific Conferences

Smith, Tone (2017): *Bulding on Polanyi to strengthen the social aspect of ecological economics*. Presented at the conference "A Great Transformation? Global Perspectives on Contemporary Capitalisms", 9-13 Jan in Linz/Austria.

Smith, Tone (2016): *The Razor's Edge: Realist versus social constructivist perceptions of environmental limits*. Presented at the 5th International Degrowth Conference, 30 Aug - 3 Sept in Budapest/Hungary.

Smith, Tone (2015): *Living with limits and the reality of achieving change*. Presented at the ESEE Conference 2015 (European Society for Ecological Economics), 30 June - 3 July in Leeds/UK.

Smith, Tone (2014): *Degrowth and Planetary Boundaries. How should the degrowth movement address the issue of planetary boundaries?* Presented at the 4th International Degrowth Conference, 2-6 September in Leipzig/Germany.

Smith, Tone (2012): *Green numbers or less numbers for a new green economy?* Joint conference AHE, IIPPE and FAPE, 5-7 July in Paris/France.

Smith, Tone (2011): *The role of numbers in environmental decision-processes*. 1st Vienna Workshop on Sustainable Development for Doctoral Student (VWSD), 23-24 November at WU Vienna/Austria.

Smith, Tone (2011): *The limits of metrics. Alternatives to measurement-based environmental decision-making*. Presented at the ESEE Conference 2011 (European Society for Ecological Economics), 14-17 June in Istanbul/Turkey.

Smith, Tone (2009): *Is the Criticism and Use of GDP within Ecological Economics Consistent?* Presented at the ANZSEE Conference 2009 (Australia New Zealand Society for Ecological Economics), 27-30 October in Darwin/Australia.

Working papers/Reports

Smith, Tone (ed.) (2019): *Degrowth of Aviation. Reducing Air Travel in a Just Way*. Stay Grounded. <https://stay-grounded.org/report-degrowth-of-aviation/>.

Smith, Tone (2014): *Kortreist eller vegetarisk? Hva monner mest i klimasammenheng?* [Short-travelled or vegetarian food? What counts the most in a climate perspective?] Arbeidsnotat 02/2014, Framtiden i Våre Hender.

Brunvoll, Frode and Tone Smith (eds.) (2010): *På rett vei? Indikatorer for bærekraftig utvikling 2010*. [On the right track? Indicators for sustainable development 2010]. Statistical Analyses 114, Statistics Norway: http://www.ssb.no/emner/01/rapp_indikator_utvikling/sa_114/sa_114.pdf.

Næss, Eli M. and Tone Smith (2009): *Environmentally related taxes*. Documents 2009/5. Statistics Norway. http://www.ssb.no/a/english/publikasjoner/pdf/doc_200905_en/doc_200905_en.pdf.

Smith, Tone (2007): *Sen, Equity and Sustainable Development. A summary of Amartya Sen's work, and its relevance to the capital approach for measuring sustainable development*. Background paper written for the UNECE/OECD/Eurostat Working Group on Statistics for Sustainable Development, 27 March 2007.

Smith, Robert and Tone Smith (2006): *Natural Capital*. Working paper No. 11, Second meeting of the Joint UNECE/OECD/Eurostat Working Group on Statistics for Sustainable Development, 15-16 November in Oslo/Norway: <http://live.unece.org/fileadmin/DAM/stats/documents/2006/11/sust-dev/wp.11.e.pdf>.

Research Reports

Smith, Tone (2008): *Statistikk for miljøteknologi. Case: vann- og avløpsteknologi*. [Statistics on environmental technology. Case: water and wastewater technologies]. Notater 2008/61, Statistics Norway: http://www.ssb.no/emner/01/90/notat_200861/notat_200861.pdf.

Raadal, H.L., C.A. Nyland, A. Rønning, and T. Smith (2006): *Vurdering av produkters miljøbelastning i LCA- og makroperspektiv*. [Environmental pressures from products – in a LCA and a macro perspective]. OR 11.06. Stiftelsen Østfoldforskning: <http://www.ostfoldforskning.no/media/1232/1106.pdf>.

Hass, J.L., K.Ø. Sørensen, K. Erlandsen, and T. Smith (2005): *Norwegian Economic and Environment Accounts (NOREEA). Project Report 2002*. Documents 2005/9, Statistics Norway: http://www.ssb.no/a/english/publikasjoner/pdf/doc_200509_en/doc_200509_en.pdf.

Bjørkli, E.S., K.L. Hansen, G.M. Pilskog, T.K. Schjerven, and T. Smith (2004): *Fristilling og konkurranseutsetting i KOSTRA – bedring av sammenlignbarheten i nøkkeltallene*. [Privatisation and outsourcing of municipal services. Improving comparison of key indicators] Notater 2004/35, Statistics Norway: http://www.ssb.no/emner/00/00/20/notat_200435/notat_200435.pdf.

Smith, Tone (2003): *Vann- og avløpsgebyrer - en gjennomgang av kommunenes praksis*. [An analysis of Norwegian municipalities' water and wastewater fees]. Notater 2003/8, Statistics Norway: http://www.ssb.no/emner/01/06/20/notat_200308/notat_200308.pdf.

Hass, Julie L. and Tone Smith (2002): *Methodology Work for Environmental Protection Investment and Current Expenditures in the Manufacturing Industry. Final Report to Eurostat*. Documents

2002/3, Statistics Norway: http://www.ssb.no/emner/01/90/doc_200203/doc_200203.pdf.

Hoem, B., K. Erlandsen, and T. Smith (2002): *Comparison between two Calculation Methods: LCA using EPIS-data and Input-Output Analysis using Norway's NAMEA-Air Data*. Documents 2002/1, Statistics Norway: http://www.ssb.no/emner/09/90/doc_200201/doc_200201.pdf.

Magazine/Newspaper Articles

Smith, Tone (2020): *Den problematiske veksten - og behovet for et nytt økonomisk system* [Problematic growth and the need for a new economic system]. *Røyst*, 14 (October). Special issue on Alternative Economics. ISSN 1894-7069.

Smith, Tone (2020): *Klimakrise og systemendring* [Climate crisis and system change], Forfatternes klimaaksjon, 12.1.2020.

<https://forfatternesklimaaksjon.no/2020/01/12/klimakrise-og-systemendring-tone-smith/>

Smith, Tone (2020): *Har fagbevegelsen mistet sine visjoner?* [Have the labour movement lost its visions?] *FriFagbevegelse* 10.1.2020. <https://frifagbevegelse.no/alle-saker/har-fagbevegelsen-mistet-sine-visjoner-6.490.664952.75bfe7beb3>

Smith Tone (2019): *En ny økonomi?* [A new economy?] *Samtiden*, 3. ISBN 978-82-03-28425-0.

Smith, Tone (2015): *"Degrowth" i vekst* ["Degrowth" is growing]. pp. 22-25. *Future in Our Hands Magazine*: <http://www.framtiden.no/magasin/fivh215/filer/assets/basic-html/index.html#22>.

Smith, Tone (2010): *Fortsatt redusert utslippsintensitet*. [Decline in emission intensity continues]. Published in Statistics Norway's Statistical Magazine (on the web):

<http://www.ssb.no/nasjonalregnskap-og-konjunkturer/artikler-og-publikasjoner/fortsatt-reduisert-utslippsintensitet>.

Contributions to international manuals and reports

Eurostat (2014): *Getting messages across using indicators. A handbook based on experiences from assessing Sustainable Development Indicators*. Manuals and Guidelines:

<http://ec.europa.eu/eurostat/documents/3859598/5936409/KS-GQ-12-001-EN.PDF/c47039bd-c026-4d99-a819-135b5e4c1da4?version=1.0>.

UNECE (2009): *Measuring sustainable development*. Prepared in cooperation with the Organisation for Economic Co-operation and Development and the Statistical Office of the European Communities (Eurostat). United Nations, New York and Geneva:

http://live.unece.org/fileadmin/DAM/stats/publications/Measuring_sustainable_development.pdf

Eurostat (2009): *The environmental goods and services sector*. Methodologies and Working Papers:

<http://ec.europa.eu/eurostat/documents/3859598/5910217/KS-RA-09-012-EN.PDF/01d1733e-46b6-4da8-92e6-766a65d7fd60?version=1.0>.

OECD (2008): *OECD Environmental Performance Reviews. Turkey*.

OECD (2007): *OECD Environmental Performance Reviews. Denmark*.