

Curriculum Vitae Dr. Ir Willemijn Tuinstra 2016

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Willemijn Tuinstra works as an independent advisor on knowledge development for environmental policy. She advises research institutes and civil servants on procedural aspects of stakeholder participation, interactive scenario development and dealing with uncertainties. Before, she has been Assistant professor in Environmental Policy and Science-Society interactions at Open University the Netherlands and policy researcher at the Netherlands Environmental Assessment Agency on European environmental policy and integrated assessment. Also she has been involved in work for the European Environment Agency, Wageningen University and the International Institute for Applied Systems Analysis, focusing on linkages between air pollution and climate change, uncertainty management, stakeholder involvement, scenario development and other aspects of integrated assessment. She holds a Ph.D. in environmental sciences from Wageningen University. Currently she is working on a second PhD-thesis on European History.

Advisory work

- ✓ 2016 Consultant to the Netherlands Environment Assessment Agency: Open assessment project and Update Stakeholder participation to Uncertainty "light" (optimizing working procedures in managing uncertainties at the agency)
- ✓ 2016 Consultant to the Netherlands Institute for Public Health and Environment: toolkit Stakeholder participation

- ✓ 2015 Consultant to the European Environment Agency: contribution to the support of knowledge transfer and building knowledge systems in the area of forward-looking information and services (FLIS) between the EIONET and EEA
- ✓ 2015 Consultant to the Netherlands Environment Assessment Agency: Guidance to Uncertainty "light" (optimizing working procedures in managing uncertainties at the agency)
- ✓ Netherlands Environment Assessment Agency. PBL Academy. Providing Professional training to PBL employees. Course on Crossing Boundaries between Science, Policy and Society (2014-2016)
- ✓ European Environment Agency. Developing and monitoring Course on Crossing Boundaries between Science, Policy and Society (2013-2015)
- ✓ Senior Advisor to the Netherlands Environment Assessment Agency (2009-2015)
 - Roles of PBL employees: the honest broker, the arbiter and the advocate
 - 'Making scenarios for Environment, Nature and Spatial Planning'
 - Open Assessment (development methods for participatory integrated assessment)
 - ESF RESCUE foresight initiative (www.esf.org/rescue): aimed to help Europe address the societal and scientific challenges related to global environmental change.

Academic career

- ✓ Assistant professor in Environmental Policy and Science-Society interactions at Open University the Netherlands (2009-2015). A.o. Project leader, Author, Supervisor and Examiner of the Open University Master Course : Crossing Boundaries between Science, Policy and Society. Courses on Environmental policy. Supervision of PhD on The management of Plural perspectives in environmental advisory work by professional experts (Eva Kunseler, with Prof. Arthur Petersen)
- ✓ Policy researcher at PBL (2001-2009) European environmental policy and integrated assessment. Project leader of Methods to assess the environmental, social and economic impacts for the Netherlands of new policy proposals of the European Commission.
- ✓ Research assistant Wageningen University (1997-2000) Project co-ordinator of the Dutch Climate Opt!Ons for the Long term Project (with Leen Hordijk & Bert Metz), involving backcasting techniques and stakeholder workshops on transitions towards 80% reduction in CO2 by 2050.

Education

- ✓ PhD Environmental Sciences. (2006) Reducing air pollution in Europe: a study of boundaries between science and policy. (with Prof. Leen Hordijk, Wageningen University)
- ✓ MSc Systems Science & Public Policy (1996) Wageningen University. Internships at PBL, developing reference scenarios for IMAGE model (1994). IIASA, Use of the RAINS model (1995). NIOZ, modelling for predicting algae blooms (1996).

Selected Publications

- ✓ EM Kunseler, W Tuinstra, E Vasileiadou, AC Petersen (2015) The reflective futures practitioner: Balancing salience, credibility and legitimacy in generating foresight knowledge with stakeholders. *Futures* 66, 1-12
- ✓ E Vasileiadou, W Tuinstra (2013) Stakeholder consultations: mainstreaming climate policy in the Energy Directorate? *Environmental Politics* 22 (3), 475-495
- ✓ S Cornell, F Berkhout, W Tuinstra, JD Tàbara, J Jäger, I Chabay, B de Wit, ... (2013) Opening up knowledge systems for better responses to global environmental change. *Environmental Science & Policy* 28, 60-70
- ✓ Dammers, E. van 't Klooster, S.A., de Wit, B., Hilderink, H., Petersen, A & Tuinstra, W. (2013). *Making Scenarios for Environment, Nature and Spatial Planning: a handbook*. PBL report 713, PBL, The Hague
- ✓ W Tuinstra, J Jager, PM Weaver (2008) Learning and evaluation in integrated sustainability assessment *International journal of innovation and sustainable development* 3 (1), 128-152
- ✓ W Tuinstra (2007) Preparing for the European Thematic Strategy on air pollution: at the interface between science and policy. *Environmental science & policy* 10 (5), 434-444
- ✓ W Tuinstra, L Hordijk, C Kroeze (2006) Moving boundaries in transboundary air pollution: co-production of science and policy under the convention on long range transboundary air pollution. *Global Environmental Change* 16 (4), 349-363
- ✓ B Metz, A Mol, M Andersson, MM Berk, JG van Minnen, W Tuinstra (2003) Climate options for the long term: possible strategies. *Issues in international climate policy: theory and policy*, 263
- ✓ W Tuinstra, L Hordijk, M Amann (1999) Using computer models in international negotiations: the case of acidification in Europe. *Environment: Science and Policy for Sustainable Development* 41 (9), 32-42

Upcoming:

- ✓ Book project with Cambridge University Press. *Environment Science and Society: Challenges for Experts* (2014-2017)