

Mini CV dr. Bas JM van Vliet

Graduate School: SENSE Research School
University: Wageningen University and Research Centre
Institute: Social Sciences Group
Research Group: Environmental Policy Group, www.wageningenuniversity.nl/enp

General information

Name: Bas van Vliet
Date of birth: 06-10-1967
Current position: Associate Professor

Fields of expertise:

Socio-technical / environmental change; energy, sanitation, water and waste infrastructures and management, social practices

Research Experience and Impact

Socio-technical analysis of urban infrastructure design and management in Europe, Africa and South East Asia: with emphasis on energy, drinking water, waste and sanitation.

Policy and societal impact:

- Built capacity in local and national environmental regulatory and educational institutions.
- Policy briefs for water, sanitation and energy sectors.
- Various research exchange and dissemination workshops with civil society and governmental stakeholders.
- Curriculum building for professional training, Bachelor and Master degree programs in the Netherlands and in East Africa.
- Teaching and supervising BSc and MSc students on Sustainability, Transitions, Science and Technology, Governance

Qualifications (diploma's, degrees)

MSc Environmental Sciences Wageningen University 1992

- (Thesis Environmental Sociology on investment negotiations oil refinery Curaçao)

PhD Environmental Sociology Wageningen University 2002

- Thesis title: Greening the Grid, The Ecological Modernization of Network-bound systems

Career

2015-present Wageningen UR, Environmental Policy Group, Associate Professor
2002-2015 Wageningen UR, Environmental Policy Group, Assistant Professor
1994-2002 Wageningen University, Environmental Policy Group, researcher (FP4 EU project) and PhD researcher
1992-1993 Utrecht University, Environmental Studies, research assistant

Key publications

1. Van Vliet, B. J. M. (2016). Innovation in Urban Networks, Co-evolving Consumer Roles. Retrofitting Cities. M. Hodson and S. Marvin. London, Earthscan: 86-104.
2. Naus, J., et al. (2015). "Households as change agents in a Dutch smart energy transition: On power, privacy and participation." *Energy Research & Social Science* 9: 125-136.
3. Naus, J., Spaargaren, G. van Vliet, B.J.M. and H. van der Horst (2014). "Smart grids, information flows and emerging domestic energy practices." *Energy Policy* 68: 436-446.
4. Van Vliet, B.J.M., Buuren, J. van, and Mgana, S. (Eds.) (2013) *Urban Waste and Sanitation Services for Sustainable Development: Harnessing social and technical diversity in East Africa*. London: Routledge
5. Van Vliet, B.J.M. (2012) Sustainable Innovation in Network-Bound Systems: Implications for the Consumption of Water, Waste Water and Electricity Services. *Journal of Environmental Policy & Planning* 14(3): 263-278.

6. Van Vliet, Bas, Gert Spaargaren and Peter Oosterveer (2011) Sanitation under challenge: contributions from the social sciences. *Water Policy* doi:10.2166/wp.2011.089
7. Van Vliet, B.J.M.; Spaargaren, G.; Oosterveer, P.J.M. (Eds.) (2010) *Social Perspectives on the Sanitation Challenge* Dordrecht: Springer

Projects:

- From Toilet to Food (WU Resource Use Efficiency Program) (2017-2018)
- Risk Governance Coastal Urban China (KNAW) (2016-2018)
- Individuele Afvalwaterbehandeling buitengebied Waterschap Zuiderzeeland (2016-2017)
- Resilience and vulnerability at the urban Nexus of food, water, energy and the environment (ResNexus) (NWO) (2015-2018)
- Emerging E-practices in the Smart Grid (NWO) (2014-2018)
- Smart Urban Retrofitting in Amsterdam and Mianyang (NWO) (2015-2019)
- Grip op Geneesmiddelen (Waterschap Groot Salland) (2014-2015)
- Provide for Impact (INREF Wageningen University) (2014-2015)
- Book editing *Urban Waste and Sanitation Services for Sustainable Development* (Routledge, 2014)
- *Social Perspectives on the Sanitation Challenge* (IWA conference organization (2008) and editing book at Springer (2010))
- *Social Practices around drinking water supply: market chances for the water supply sector* (KWR funded) (2007-2009)
- Capacity building in Environmental Management in Uganda (Nuffic-NPT) (2004-2008)
- Implementation and social adoption of ecological sanitation technology in Europe (national funds) (2002-2007)
- Managing bio-waste reuse in South East Asian Cities (Vietnam, Philippines, Thailand) (university/ EC funds) (2003- 2006)
- Curriculum development Integrated Water Management Sana'a University Yemen (Nuffic NPT) (2004-2008)
- The social and environmental aspects of changing water, waste and energy infrastructures in Europe (EC funded project & PhD thesis, 1997-2002)
- Small scale industries and environmental pollution in developing countries (SAIL funds) (1995-1997)
- Water saving technology in the Netherlands (1994-1995)
- Common Property Resource Management (1993, Utrecht University)
- Environmental policy in small (island) developing states (Netherlands Antilles 1992, 1997, Suriname 2003)

Countries of research experience

- China; Curaçao; Czech Republic; Hungary; Kenya; Netherlands; Philippines; Portugal; Sweden; Tanzania; Uganda; United Kingdom; Vietnam; Yemen

Co-promotor of PhDs (finalized)

Hegger (2007); Letema, (2013); Ombis (2013); Kim (2013); Lenhart (2015)

Current:

Naus (2017), Smale (2018), De Feijter (2019)

Languages

Dutch: Mother tongue

English: professional proficiency in reading, writing, speaking

French: moderate in reading and speaking

German: moderate in reading and speaking