

CURRICULUM VITAE

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BIOGRAPHY

Jessica de Boer, MA, works along the boundaries between art and science. With a background in Public - Administration (University of Twente) and ArtScience (Royal Academy of Arts), De Boer is interested in the practical application of theoretical concepts and ideas. As a visual artist, De Boer exhibits since 2008 internationally with ephemeral art installations of natural processes that find their way autonomously. The set ups show that matter, or what appears to be inanimate, interacts with other substances thereby triggering movement and change and suggesting life. As a social scientist, she developed an area-based approach to energy transition as part of her PhD research, which she started in 2012 at the Faculty of Spatial Sciences, University of Groningen in the Netherlands. She analysed the contribution of local energy initiatives to a larger sustainability transition including renewable energy systems. In scientific terms, her approach combines multilevel governance, complex systems and area-based planning to analyse how things and people interact, self-organise and co-evolve in actor-artefact networks. To deepen our understanding and explore our interaction with natural phenomena, she conducted in 2011/2012 an artistic research into contemporary animism in Mexico, which resulted in a set up and a publication. At the moment she is finishing her PhD and setting up a research by design project into fountains for urban resilience. This project integrates her skills and applies them to make a practical contribution to a sustainable Sydney.

Her hobbies are being outdoors in nature, swimming, vinyasa yoga, and sitting at the fireplace.

RESEARCH ACTIVITIES

- 2012 – 2016 MACREDES a four-year research project funded by the European Delta Gas Research program (EDGAR)
- 2012 – 2016 DELaND a three-year European research project of “Groen Gas – Grünes Gas” funded by INTERREG IV A- Germany- Netherlands programme of the European Union
- 2011 Comparative research on contemporary animism in Mexico, comparing the perspective of Huichol Indians on movement in objects and subjects to the western scientific perspective. Research fund from Stroom Den Haag

GRANTS AND AWARDS (selection)

- 2013 Best paper prize for Young Academics AESOP 2013
- 2011 PRO-Research Grant from the Art Centre Stroom The Hague
- 2010 Art Initiative Grant for the program Zsunday from the Municipality of The Hague
- 2009 PRO-Art Initiative Grant for the program Zsunday from the Art Centre Stroom The Hague

PRO-Invest Grant from the Art Centre Stroom The Hague
2008 Stroom The Hague Encouragement Price
Royal Academy Price, Royal Academy of Fine Arts in The Hague

(CO) AUTHORED PUBLICATIONS

- De Boer, J., Zuidema, C., Gugerell, K., n.d. New interaction paths in the energy landscape: The role of local energy initiatives. *Landscape Research* – forthcoming.
- Zuidema, C. & De Boer, J., 2017. Resilient Energy Landscapes: A spatial quest. In: Trell, E.M., Van Hoven, B., Restemeyer, B., Bakema, M.M., eds. *Governing for resilience in vulnerable places*. Abingdon: Routledge.
- De Boer, J. & Zuidema, C., 2016. Integrated energy landscapes: How coevolution encourages planners to focus on developing linkages between renewable energy systems and local landscapes. In G. de Roo & L. Boelens, eds. *Spatial Planning in a Complex Unpredictable World of Change*. Groningen: InPlanning, pp.170-186. Doi: 10.17418/B.2016.9789491937279
- De Boer, J. & Zuidema, C., 2015. Towards an Integrated Energy Landscape. *Urban Design and Planning*, 168(5), pp.231–240. Doi: 10.1680/udap.14.00041
- De Boer, J. & Zuidema, C., 2015. *Local energy initiatives from a decentralised energy landscape perspective*. DELaND Interreg Project, Groningen.
- De Boer, J. & Zuidema, C., 2014. *Biomassa in Drenthe ; Logisch nadenken over locaties*. DELaND Interreg Project Groningen.
- De Boer, J., Zuidema, C. & Pierie, F., 2014. Een plaats voor energie. In: B. Scholtens & C. Zuidema, eds. *Lokaal energie maken: op weg naar een decentraal energiesysteem*. Groningen: Rijksuniversiteit Groningen, pp. 44-45.
- De Boer, J., & Zuidema, C., 2012. Towards a sustainable energy landscape. the spatial-institutional transformation of the energy landscape from a complex adaptive system's perspective. European International Relations Summer School 2012: World Society & Energy Transition, Groningen.
- De Boer, J., 2012. In Search of a Contemporary Animism. Stroom, The Hague
- De Boer, J., T. Fokkens, S. Frieling, M. van Hoogenhuyze, and B. Stokhuyzen (2012) Zsunday 2009-2011, A bi-monthly cultural program for artists, scientists and musicians. The Hague.
- Parafonia. 2009. Sphere. Subterranean Distribution, Amsterdam [Music CD].

ACCEPTED WITH REVISIONS

- De Boer, J., Zuidema, C., Van Hoorn, A., and De Roo, G., n.d.. The Adaptation of Dutch Energy Policy to Emerging Area-based Energy Practices. *Energy Policy*.

CONFERENCE PRESENTATIONS

- De Boer, J. (2015). *Linking energy systems and landscapes: The mediating role of local energy initiatives*. European Conference of the Landscape Research Group 16-18 September 2015: Energy Landscapes: Perception, Planning, Participation and Power, Dresden.
- De Boer, J. (2014). *How the co-evolutionary behaviour of the integrated energy landscape informs planning to adapt its strategies; the integrated energy landscape as vehicle for the energy transition*. Aesop Annual Congress 9-12 July 2014: From Control to Co-Evolution, Utrecht/Delft.
- De Boer, J. (2014). *How the co-evolutionary behaviour of the integrated energy landscape informs planning to adapt its strategies; the integrated energy landscape as vehicle for the energy transition*. Third

International Science and policy Conference on the resilience of social & ecological systems, 4-8 May 2014, Montpellier.

De Boer, J., (2013). *Towards an integrated energy landscape*. AESOP / ACSP 5th Joint Congress 2013 Planning for Resilient Cities and Regions, Dublin.

EDUCATION

- 2012 - PhD Research "An Area-based Approach to Energy Transition", University of Groningen, Department of Spatial Planning and Environment.
- 2004 – 2008 BA with honours, Royal Academy of Arts in The Hague, Interfaculty of ArtScience
- 1999 - 2003 MA, University of Twente, Public Administration and Public Policy, Master: Sustainability and the Environment, Minor: 'Art, Media and Technology', Thesis: "Interactive Governance in River Basin Management: A comparative Research on Three Case Studies of River Basin Management within the European FIRMA Project.", Grade: 8
- 1992 – 1998 Preparatory Scientific Education (VWO), Het Wagenings, Courses: Dutch, English, French, Geography, Math B, Biology, Chemistry, Grade mean: 8