

CURRICULUM VITAE: EVELYNE GROEN

PERSONALIA

Dr. Evelyne Annemarie Groen

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EXPERIENCE

PhD Applied Statistics, Wageningen University 2012 – 2016

Worked on modeling uncertainty propagation (e.g. Monte Carlo simulation), sensitivity analysis (e.g. regression, cluster analysis) applied to case studies in environmental sciences. Developed code to deal with correlated data during uncertainty propagation in modeling. At evelynegroen.github.io all *MatLab* and *Python* code are available that are used in my thesis.

Instructor, Wageningen University

- I teach a practical session in *MatLab* on statistical analysis of environmental models as part of a course for PhD students. 2015 & 2017
- I supervised several bachelor students during their bachelor thesis. 2014 & 2015
- Currently, I am involved in the supervision of a PhD student from the *Food and Agriculture Organization of the United Nations*. 2015 - present

Junior Consultant, Blonk Consultants 2011 – 2012

Contributed to data collection and methodology development of environmental impact assessments. For several projects I was seconded to the Dutch beer brewery *Heineken*.

Teaching Assistant, University of Amsterdam 2006 & 2008

- BSc course: *Turning Points in Science (Keerpunten in de Natuurwetenschappen)*
- MSc course: *From Scientific Reasoning to Public Debate: the Case of Sustainable Energy*

EDUCATION

Master Physics, University of Amsterdam 2007 – 2009

Master thesis *Cosmic Strings* was on symmetry breaking in the early universe as a possible cause for the formation of planets.

Bachelor Bèta-gamma, University of Amsterdam 2003 – 2007

Bèta-gamma is an interdisciplinary Bachelor's degree program that encompasses the exact (e.g. mathematics), natural (e.g. biology), and social sciences (e.g. economics). Major: Physics.

SKILLS

IT Skills Familiar with Python (e.g. numpy, Pandas), MatLab, L^AT_EX and HTML. Computer science basics: e.g. SQL, regex, JSON, Git.

SKILLS (CONTINUED)

Courses	Data Science in Python (online), <i>University of Michigan</i> , score: 93%	2016
	Using Databases with Python (online), <i>idem</i> , score: 97%	2016
	Using Python to access web data (online), <i>idem</i> , score: 99%	2016
	Python Data Structures (online), <i>idem</i> , score: 98%	2016
	Machine Learning (online), <i>Stanford University</i> , score: 98%	2016
	Summer School on Sensitivity Analysis, <i>Joint Research Centre</i>	2016
	Linear and integer programming (online), <i>University of Colorado</i>	2014
	Statistics for Life Sciences, <i>Wageningen University</i>	2012

Languages Dutch: mother tongue; English: proficient (C1); German: fair (B2)

Hobbies Running, body-weight fitness, carpentry, reading, cooking, traveling.

INTERNSHIPS

Researcher: standard methods for technological sustainability (FP7), <i>Utrecht University</i>	2010
Researcher: ethical claims, <i>Symbeyond Research Group</i>	2010
Intern: substitution options for brominated flame retardants (FP7), <i>IVAM Consultants</i>	2009
Intern: scenario study renewable energy, <i>Royal Dutch Shell</i>	2009

PUBLICATIONS

Groen, E.A., et al., (2014). Methods for Uncertainty Propagation in Life Cycle Assessment, *Environmental Modelling & Software*, 62, 316 – 325.

Groen, E.A., et al., (201x). Methods for Global Sensitivity Analysis in Life Cycle Assessment, *accepted for publication*.

Groen, E.A. and Heijungs, R., (2016). Ignoring Correlations in Uncertainty Propagation in Life Cycle Assessment: What is the Risk?, *Environmental Impact Assessment Review*, 62, 98 – 109

Wolf, P., **Groen, E.A.**, et al., (2016). Greenhouse Gas Emissions of Milk Production: Which Parameters Matter?, *International Journal of Life Cycle Assessment*, First online: 31 July 2016.

Groen, E.A., van Zanten, H., et al., (2016). Sensitivity Analysis of Greenhouse Gas Emissions from a Pork Production Chain, *Journal of Cleaner Production*, 129, 202 – 2011.

Mu, W., **Groen, E.A.**, et al., (201x). The Effect of Epistemic Uncertainty on Nutrient Use Efficiency, *under review*.

TALKS

Laymen's talk PhD Defense, Wageningen University, the Netherlands	2016
Presentation (theatre), 21st SETAC Europe Case Study Symposium, Greece	2015
Guest lecture, Humboldt University, Germany	2015
Talk, Leibniz-Institut für Agrartechnik Potsdam-Bornim e.V., Germany	2015
Presentation (theatre), WIAS Science Day Wageningen University, the Netherlands	2015
Presentation (theatre), LCAFood conference, United States of America	2014
Presentation (theatre), LCA Discussion Forum Zürich, Switzerland	2013