

Impact assessment modelling of the matter-less stressors in the context of Life Cycle Assessment

Cucurachi, S.

Citation

Cucurachi, S. (2014, October 21). *Impact assessment modelling of the matter-less stressors in the context of Life Cycle Assessment*. Retrieved from https://hdl.handle.net/1887/29300

| Version: | Corrected Publisher's Version |
|------------------|--|
| License: | <u>Licence agreement concerning inclusion of doctoral thesis in the</u> <u>Institutional Repository of the University of Leiden</u> |
| Downloaded from: | https://hdl.handle.net/1887/29300 |

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The handle <u>http://hdl.handle.net/1887/29300</u> holds various files of this Leiden University dissertation.

Author: Cucurachi, Stefano Title: Impact assessment modelling of matter-less stressors in the context of Life Cycle Assessment Issue Date: 2014-10-21

Curriculum Vitae

Stefano Cucurachi was born in 1985 in Copertino, Italy. He comes from the heel of the Italian boot, in the region of Apulia. He graduated from Liceo Classico Giuseppe Palmieri of Lecce, a secondary school specializing in classical studies, in 2003. From 2003 to 2006 he studied Industrial engineering at Universitá LIUC- Carlo Cattaneo in Italy. Following on from this, he continued his studies with a Master's degree in Industrial Engineering with a dissertation focusing on the search of Pareto optimality between decisions driven by LCA and decision driven by financial and managerial pressures in a company environment. The MSc in Industrial Engineering was awarded in 2008. Stefano continued his academic training at the University of Kent in the UK where he completed in 2009 a Master's degree in Management Science and Logistics. His dissertation focused on the application of mathematical models to environmental problems, and in particular on the development of a statistical model to evaluate the cost of fixing fish-passage barriers in watersheds. During the course of his university studies Stefano further lived in England and Canada, in which he completed two academic years as an exchange student. After the completion of his studies, Stefano started an internship in the R&D and logistics units of Xerox Co. in Milan, Italy. In close contact with the top management of the Italian unit of the company, he developed protocols for the recovery of end-of-life machinery returning after the end of lease contracts. He started in May 2010 his experience at the CML Institute of Environmental Sciences of the University of Leiden where the work that is presented before you was developed. For the last two years Stefano has also been an active member of the SENSE research school and has sat in the PhD council of the research school.

Acknowledgements

I would like to thank all the people that supported me in the last four years inside the Academia and in the normal course of my life. I thank you all for the help, the smart words, and the kind ones.

A special thank you goes to my friend Reinout and his wise recommendations that helped this work to come to life. Within the walls of the CML, I would also like to thank Patte and Coen for the scientific exchanges, the friendship and the nights out. Thank you also to the rest of the CML, from the "PhD's" to the grownups. Big hugs to Jori, José, Suus and Esther for the great help over the years.

Thanks to those that managed to share a house with me for the record time of almost two years: Nicolas and Cilia. We will share great memories for a while. A big hug goes also to the Swiss kindness of Annick, to the Portuguese punctuality of Luis, to the diplomatic tongue of Rob, to the Italian hospitality of Paolo, Chiara and Tobia, to the Alentejean composure of John Pedro, and to the British sportsmanship of Samuel.

And now the Dutch that made my time in the Netherlands possibly the most interesting of my life. The experience in this country is to me inseparable from the encounter on the Dam with Tonja, my "beauty with a duty". Thanks to the Damschreeuwer for making it happen and for allowing me to meet such a nice person. Without these two this thesis would have looked a lot different and the process to it a lot less pleasant. With Tonja came along a bunch of great people. Thanks Mare, Michiel, Jacques and Bibian for the great welcome and the great days together. Outside the family van Gorp, a special mention to Nori and Loti: what unique characters you are and what nice friends.

In the background, geographically far but certainly not with their minds, I must thank my family. My parents Mimí and Memé that in their own special way gave always great tips and pushes to go on with what I felt it was right. Thanks to my two brothers Paolo and Francesco. An Italian song says "My brother is an only child"; our mum picked it up and still loves to say that we are three only children. Although this may look true in terms of the age difference there is and the attention we got, we managed to develop such an interesting chemistry that is hard to match. Paolo with your wise words and Francesco with your unique look to life have always been there to support me. Grazie! A warm hug also to my dear cousin Chiara, who always helps me to feel younger when needed.

Those that come from the area of Italy where I am from share a strong and unavoidable force that pushes us to go back whenever there is the time for it or a holiday that allows us to run back home. This curse, however, makes it possible to keeping on seeing often those that are closest to you and to get their support when needed. A special thank you goes to my best friend Giorgio with whom I share an ongoing project to perfect our sense of humour. With him, I am pleased to acknowledge in this work also the other three fellas that have been my friends for a couple of decades: Nando, Antonio, and Federico. I would like to further thank Carlo for his wit, the great physical and mathematical tips and Novella for her stature and for the proofreading of most of this work of thesis.

With the risk of sounding rhetorical, I would like to close this acknowledgements thanking the generations of my ancestors that made it through me here, from my grandparents up to the far friends forgotten in the turns of history. With their little big personal stories they got me here. To them this work of thesis is dedicated: well done guys!