

# Bahareh Zamani Curriculum Vitae

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## PROFESSIONAL PROFILE

A technically skilled, results oriented researcher and sustainability analyst with 4 years experience of project management, method development for environmental sustainability, sustainability reporting and managing environmental and chemical compliances. I am an open communicator who has also written scientific articles, book chapters and reports with focus on sustainability challenges in fashion industry and being published in prestigious international journals and conferences.

## AREAS OF EXPERTISE

- Environmental Life Cycle Assessment
- Carbon footprinting
- Environmental product declaration
- Sustainability reporting
- Corporate Social Responsibility
- Chemical regulatory compliance
- Project management
- Project coordinator
- Stakeholder dialogue
- Sustainability assessment
- Circular economy

## EDUCATION

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|-----------------------|---|
| Sept 2011 - June 2016 | <b>Chalmers University of Technology, Göteborg, Sweden</b><br>PhD candidate in Chemical Engineering with focus on Sustainability assessment.<br>Thesis titled <i>"The Challenges of Fast Fashion- Environmental and Social LCA of Swedish Fashion Consumption."</i> |
| Sept 2008 – Aug 2011  | <b>Chalmers University of Technology, Göteborg, Sweden</b><br>M.Sc. in Innovative and Sustainable Chemical Engineering.   |
| Sept 2003 – June 2008 | <b>Sharif University of Technology, Tehran, Iran</b><br>B.Sc. in Chemical Engineering.  |

## EXPERIENCE

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| 2016        | <b>Consultant as Sustainability Strategist / Reverse Resources</b> <ul style="list-style-type: none"><li>- Mapping the feasibility of textile waste management</li><li>- Sustainability assessment</li><li>- Grant applicant</li></ul>   |
| 2011 - 2016 | <b>Researcher &amp; Project Coordinator / Mistra Future Fashion Program/ Sweden</b><br>Research project in Mistra-financed research programme focusing on "Environmental impact assessment of fashion industry." <ul style="list-style-type: none"><li>- Report: <u>Mistra Future Fashion / 2015 / "Environmental assessment of Swedish fashion consumption. Five garments – sustainable futures."</u></li></ul> |
| 2015        | <b>Consultant as Sustainability Strategist / Goodone</b> <ul style="list-style-type: none"><li>- Sustainability strategist within circular economy scheme;</li><li>- Global Change Award applicant.</li></ul>  |
| 2010 - 2011 | <b>Researcher / Thesis Project / "Towards Sustainable Waste Management" / IVL Miljöinstitutet</b>  |

## PUBLICATIONS

Bahareh Zamani (2016) **The challenges of Fast fashion- Environmental and Social LCA of Swedish clothing consumption**, Doctoral thesis, Chalmers University of Technology, Sweden.

Sandra Roos, Bahareh Zamani, Gustav A. Sandin, Greg M. Peters, Magdalena Svanström (2016) **An LCA-based approach to guiding an industry sector towards sustainability: the case of Swedish apparel sector.** *Journal of Cleaner Production.*

Sandra Roos, Gustav A. Sandin, Bahareh Zamani, Greg M. Peters, Magdalena Svanström (2016) **Will Clothing Be Sustainable? Clarifying Sustainable Fashion**, Book chapter in *Textiles and Clothing Sustainability*, Springer.

Bahareh Zamani, Gustav A. Sandin, Magdalena Svanström, Greg M. Peters (2016) **Hotspot identification in the clothing industry using social Life cycle assessment- opportunities and challenges of input-output modelling.** *The International Journal of Life Cycle Assessment.*

Sandra Roos, Gustav A. Sandin, Bahareh Zamani, Greg M. Peters (2015) **“Environmental assessment of Swedish fashion consumption. Five garments – sustainable futures.”**, Mistra Future Fashion report, Sweden.

Bahareh Zamani (2015) **Towards understanding sustainable textile waste management- Environmental impact and social indicators**, licentiate thesis, Chalmers University of Technology, Sweden.

Greg M. Peters, Magdalena Svanström, Sandra Roos, Gustav A. Sandin, Bahareh Zamani (2015) **Carbon footprints in the textile industry.** *Chapter 1 in Handbook of Life Cycle Assessment (LCA) of Textiles and Clothing.* Woodhead. Cambridge, UK.

Bahareh Zamani, Magdalena Svanström, Greg M. Peters, Tomas Rydberg (2014) **A Carbon Footprint of Textile Recycling.** *Journal of Industrial Ecology* 19 (4).

Bahareh Zamani, Magdalena Svanström, Greg M. Peters (2013) **End-of-Life management: LCA of textile waste.** Proceeding of 6th international conference on Life Cycle Management, Gothenburg, Sweden.

Bahareh Zamani (2011) **“Carbon Footprint and Energy Use of Textile Recycling Techniques.”**, Master thesis report, Chalmers University of Technology, Sweden.

## CONFERENCES

Bahareh Zamani (2016) **Clarifying sustainability: LCA in Mistra Future Fashion program.** Guest speaker at Avnir Conference- Life cycle thinking for leading managers, Lille, France.

Sandra Roos, Gustav A. Sandin, Bahareh Zamani, Greg M. Peters (2015) **Clarifying Sustainable fashion: Life Cycle Assessment of the Swedish fashion consumption**, Poster presentation at the 7th International Conference on Life Cycle Management, Bordeaux, France.

Bahareh Zamani, Sandra Roos (2015) **Using the planetary boundaries for evaluating intervention for impact reduction in the clothing industry.** Oral presentation at the 7th International Conference on Life Cycle Management, Bordeaux, France.

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## TEACHING AND ACTIVITIES

### Lecturer at CHALMERS:

Biokemisk miljövetenskap (Biochemical Environmental Science); Kemisk miljövetenskap (Chemical Environmental Science); Produkter & Processer i ett hållbart samhälle (Products and processes in a sustainable society), Ecodesign; Global Chemical Sustainability.

### Chair of Social LCA working group, Swedish Life Cycle Center / April 2016-present

A platform for organizing seminars between partners in industry and academia within Swedish Life Cycle Center.

### CSS CHALMERS Board Member - 2010/2011

Chalmers Students for Sustainability (CSS) is a student community within international student organisation called The World Student Community for Sustainable Development (WSC-SD). The purpose of CSS is to engage students in Chalmers with issues related to sustainability, through which Chalmers can impact the field.

## SKILLS

### Language skills:

Persian (native), English (full professional proficiency), Swedish (full professional proficiency).

### Professional toolkit:

Life Cycle Assessment, CFA, PEF in sustainability assessment, CSR, multidisciplinary project management, Ecolabeling.

### Computer skills:

Mac and PC, spreadsheets and presentation tools, GaBi, SimaPro, OpenLCA.

### Certificates:

Applied Project Management, Social Lifecycle Assessment (LCA), Reflecting on Leadership, Creating and Managing Effective Teams.