

# Eleonore Lebre

PhD Industrial Ecology

MSc Engineering

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Annerley, Brisbane, QLD

## Education

- **2014-17: PhD in Industrial Ecology**, Sustainable Minerals Institute (SMI), the University of Queensland
  - ↳ Thesis 'Mine waste or future resource? Integrating industrial ecology thinking into a mining project'
  - ↳ 3 publications as main author, see next page
  - ↳ 2 case study sites: Mt Morgan, QLD, Mt Lyell, Tas
  - ↳ Development of material flow indicators and a mine waste management hierarchy
- **2008-12: Top Industrial Managers for Europe (TIME)** Double Degree
  - ↳ **MSc Engineering**, generalist engineering studies at the Ecole Centrale Marseille, France
  - ↳ **Master of Science in Industrial Ecology**, Norwegian University of Science and Technology (NTNU), Norway
    - Classes: Life Cycle Analysis (LCA), Material Flow Analysis (MFA), Input-Output Analysis (IOA)
    - Master thesis at NTNU: Hybrid IO – LCA of household waste prevention. With EXIOBASE Multi Regional IO model, and LCA software Easewaste
    - Average grade: A

## Work Experience

- Dec-Jan 2016-17: **Research Assistant** for Tim Grice and the Natural Resource Governance Institute. Literature review on the measurement of environmental and social impacts of extraction
- 2013-14: **Project Coordinator Assistant** at Ecoscience Provence in France. Development of a local producers network for sustainable consumption and waste prevention.
- 2nd Semester 2011: **Teacher Assistant** in LCA at NTNU
  - grading assignments
  - assisting during tutorial sessions

## Volunteer Work

- **2015-17:** Elected member and Vice-President of the International Society for Industrial Ecology (ISIE) Student Chapter
  - ↳ 50,000 US\$ National Science Foundation grant awarded for student activities at the ISIE biennial conference, Chicago, 2017:
    - 5th Symposium for IE Young Professionals
    - Poster competition
    - Financial support for RHD students to attend the conference
- **2015-17:** Member of Candidate Advisory Committee at the SMI
  - ↳ Organisation of several Industry and Academia Networking Nights and Breakfasts

## Languages

- English & French: Bilingual
- Spanish: Intermediate
- German: Elementary
- Norwegian: Elementary

## Computer skills

- Good knowledge of:
- Matlab
  - Photoshop
  - Adobe Premiere Pro
  - LCA software: Simapro, Easewaste

# Supplements

## Papers

### Published as first author:

- Lèbre, É., G. D. Corder, and A. Golev. 2017. *The role of the mining industry in a circular economy: a framework for resource management at the mine site level*. Paper presented at the Life-of-Mine conference and the ISIE 5<sup>th</sup> Asia-Pacific Conference. *Journal of Industrial Ecology*, Impact Factor 3.265
- Lèbre, É., G. D. Corder, and A. Golev. 2016. *Sustainable practices in the management of mining waste: A focus on the mineral resource*. Paper presented at the Sustainable Minerals '16 conference. *Minerals Engineering*, Impact Factor 1.813
- Lèbre, É. and G. Corder. 2015. *Integrating Industrial Ecology Thinking into the Management of Mining Waste*. *Resources* 4: 765-786. Paper presented at the World Resources Forum.

### Co-authored:

- Corder, G. D., A. Golev, and É. Lèbre. 2016. *The contribution of mining to the emerging circular economy*. *The AusIMM Bulletin*. <https://www.ausimmbulletin.com/feature/the-contribution-of-mining-to-the-emerging-circular-economy/>

## Grants received

- The University of Queensland's Candidate Development Award, 2017. 3200 AU\$ used to attend ISIE-ISSST 2017 Conference.
- The Sustainable Minerals Institute (SMI) RHD Student Research Support Scholarship, 2015. 3700 AU\$ used to undertake fieldwork as part of the PhD research.
- The SMI RHD Student Travel Award Scheme, 4000 AU\$, to present at an international conference.

## Conference presentations

- Biennial ISIE conference 2017, June 2017, Chicago, USA (oral presentation)
- Life-of-Mine conference, September 2016, Brisbane, Australia (oral)
- The ISIE 5<sup>th</sup> Asia-Pacific conference, September 2016, Nagoya, Japan (oral, by Artem Golev)
- Sustainable Minerals '16, June 2016, Falmouth, UK (oral)
- Biennial ISIE conference 2015, July 2015, University of Surrey, UK (poster)
- The World Resources Forum Asia-Pacific, June 2015, Sydney, Australia (oral)
- SMI RHD conference 2015, UQ (oral)

Video shortlisted for the Schmidt-MacArthur Fellowship 2015

<https://www.youtube.com/watch?v=Ay-XEr0A8Ks>