

## Contents

**Front cover:** The title page refers to the paper 'Site-dependent Life-Cycle Impact Assessment in Sweden' (pp. 235–239). The aim of this paper is to develop site-dependent characterisation factors for different parts of Sweden for air emissions of NO<sub>x</sub>, SO<sub>x</sub> and particulates regarding ecosystem and human health impacts. Cover design: Edwin Grondinger, abc.Mediaservice GmbH, D-86807 Buchlohe (e.grondinger@abc-media.de)

**Front cover, inside:** Editors (for further information, please go to <http://www.scientificjournals.com/sj/lca/herausgeber>)

**Back cover, inside:** Special subscription rates for UNEP/SETAC Life Cycle Initiative working group members differentiated according to OECD (50% discount) and non-OECD countries (75% discount)

**Back cover:** GaBi4 'Get ready for tomorrow' ([www.gabi-software.com](http://www.gabi-software.com))

- 7A Contents  
 8A Int J LCA-WelcomePage (<http://www.scientificjournals.com/sj/lca/startseite>)  
 8A Impressum ecomed and Springer

### Editorials

- 231 A Peer-Review Perspective: Experiences with Authors  
 David Hunkeler

### Letters to the Editor

- 232 Comment on 'The Critical Review Process According to ISO 14040-43: An Analysis of the Standards and Experiences Gained in their Application' by Walter Klöpffer, Int J LCA 10 (2) 98–102 (2005)  
 Kerstin Lichtenvort
- 233–234 Comments on 'Workshop Report on the Economic and Environmental Impacts of Biobased Production' by Amy E. Landis and Thomas L. Theis, Int J LCA 10 (3) 226–227 (2005)  
 Alvin L. Young

### Book Reviews

- 234 L'Analyse du Cycle de Vie d'un produit ou d'un service. Applications et mise en pratique  
 Authors: Laurent Grisel and Philippe Osset  
 Reviewer: Jean-Francois Le Teno

### LCA Methodology

- 235–239 Site-dependent Life-Cycle Impact Assessment in Sweden \*\*  
 Göran Finnveden and Måns Nilsson
- 240–247 A Consistent Framework for Assessing the Impacts from Resource Use. A focus on resource functionality \*\*  
 Mary Stewart and Bo Weidema

### Uncertainties in LCA (Subject editor: Andreas Ciroth)

- 248–254 Representing Statistical Distributions for Uncertain Parameters in LCA. Relationships between mathematical forms, their representation in EcoSpold, and their representation in CMLCA \*\*  
 Reinout Heijungs and Rolf Frischknecht

### Input-Output Analysis (Subject editor: Sangwon Suh)

- 255–262 A Risk-Based Approach to Health Impact Assessment for Input-Output Analysis Part 2: Case Study of Insulation \*\*  
 Yurika Nishioka, Jonathan I. Levy, Gregory A. Norris, Deborah H. Bennett and John D. Spengler

### LCA Case Studies – Waste (Subject editor: David W. Pennington)

- 263–272 Environmental Assessment of Two Waste Incineration Strategies for Central Norway \*\*  
 Håvard Bergsdal, Anders H. Strømman and Edgar G. Hertwich

### InLCA: Case Studies – Using LCA to Compare Alternatives

- 273–284 Comparative LCAs for Curbside Recycling Versus Either Landfilling or Incineration with Energy Recovery \*\*  
 Jeffrey Morris

### LCA Case Studies

- 285–293 Life Cycle Assessment of Water Production Technologies Part 1: Life Cycle Assessment of Different Commercial Desalination Technologies (MSF, MED, RO) \*\*  
 R. Gemma Raluy, Luis Serra and Javier Uche
- 294–304 Life Cycle Inventory Information of the United States Electricity System \*\*  
 Seungdo Kim and Bruce E. Dale  
 [The online-edition of this paper (<http://dx.doi.org/10.1065/lca2004.09.176>) contains the Appendices A and B (pp. 304.1–304.6)]

### \*\* Peer-reviewed

Int J LCA is listed, indexed and abstracted by the following documentation services:

<b>BIOSIS</b>	BioBusiness database, Philadelphia, PA/USA
<b>CABI</b>	(CAB International), Publishers Relations and Information Resources, Wallingford, Oxon OX 10 8DE, UK
<b>CAS</b>	Chemical Abstracts Service, Columbus, OH/USA
<b>CEABA®-VTB</b>	Chemical Engineering and Biotechnology Abstracts, DECHEMA, Frankfurt/Main, Germany
<b>CIS</b>	Congressional Information Service, Bethesda, Maryland/USA
<b>Elsevier</b>	Current Awareness in Biological Sciences, Amsterdam, The Netherlands
<b>BIOBASE</b>	
<b>LexisNexis Group</b>	4520 East-West Highway, Bethesda, MD 20814, USA
<b>ISI-SCI</b>	Science Citation Index Expanded, ISI Alerting Services, and Current Contents/Agriculture, Biology, and Environmental Sciences
<b>UFOR / ULIT</b>	Federal Environmental Agency (UBA), Berlin, Germany
<b>URDB</b>	