

Environmental Assessment and Management in the Food Industry

Description: Life cycle assessment (LCA) of production and processing in the food industry is an important tool for improving sustainability. Environmental assessment and management in the food industry reviews the advantages, challenges and different applications of LCA and related methods for environmental assessment, as well as key aspects of environmental management in this industry sector.

Part one discusses the environmental impact of food production and processing, addressing issues such as nutrient management and water efficiency in agriculture. Chapters in Part two cover LCA methodology and challenges, with chapters focusing on different food industry sectors such as crop production, livestock and aquaculture. Part three addresses the applications of LCA and related approaches in the food industry, with chapters covering combining LCA with economic tools, ecodesign of food products and footprinting methods of assessment, among other topics. The final part of the book concentrates on environmental management in the food industry, including contributions on training, eco-labelling and establishing management systems.

With its international team of editors and contributors, Environmental assessment and management in the food industry is an essential reference for anyone involved in environmental management in the food industry, and for those with an academic interest in sustainable food production.

- Reviews the advantages, challenges and different applications of LCA and related methods for environmental assessment
- Discusses the environmental impact of food production and processing, addressing issues such as nutrient management and water efficiency in agriculture
- Examines environmental management in the food industry, including contributions on training, eco-labelling and establishing management systems

Contents:

Part 1 Environmental impacts of food production and processing: Improving nutrient management in agriculture to reduce eutrophication, acidification and climate change
Increasing the efficiency of water use in crop production.
Part 2 Life cycle assessment of food production and processing: Life cycle assessment (LCA) of food production and processing: An introduction
Methodology for life cycle assessment
Challenges relating to data and system delimitation in life cycle assessments of food products
Challenges in assessing the environmental impacts of crop production and horticulture
Complexities in assessing the environmental impacts of livestock products
Challenges in assessing the environmental impacts of aquaculture and fisheries.
Part 3 Current and future applications of life cycle assessment and related approaches: Towards sustainable industrial food production using life cycle assessment approaches
Addressing land use and ecotoxicological impacts in life-cycle assessments of food production technologies
Combining life-cycle assessment of food products with economic tools
Inclusion of social aspects in life cycle assessment of food
Ecodesign of food products
Footprinting methods for assessment of the environmental impacts of food production and processing
Carbon footprinting and carbon labelling of food products
Sustainability indicators for the food supply chain.
Part 4 Environmental management in the food industry:
Establishing an environmental management system in the food industry
Environmental training for the food industry
Eco-labelling of agricultural food products.

Ordering:

Order Online - http://www.researchandmarkets.com/reports/3744478/

Order by Fax - using the form below

Order by Post - print the order form below and send to
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Environmental Assessment and Management in the Food Industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/3744478/">http://www.researchandmarkets.com/reports/3744478/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SCPLWP9R</td>
</tr>
</tbody>
</table>

Product Format
Please select the product format and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Copy (Paper back): USD 244 + USD 28 Shipping/Handling</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
</tbody>
</table>
| Bank Address   | Ulster Bank,
                 27-35 Main Street,
                 Blackrock,
                 Co. Dublin,
                 Ireland. |

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp