

Contents

Introduction to the Eco-Design Methodology and the Role of Product Carbon Footprint	1
Esther Sanyé-Mengual, Raul García Lozano, Ramon Farreny, Jordi Oliver-Solà, Carles M. Gasol and Joan Rieradevall	
Carbon Footprint Estimation of Agriculture Sector	25
Divya Pandey and Madhoolika Agrawal	
Methodology for Determining the Carbon Footprint of the Construction of Residential Buildings	49
J. Solís-Guzmán, A. Martínez-Rocamora and M. Marrero	
Carbon Footprint of Food Products	85
Elin Rööös, Cecilia Sundberg and Per-Anders Hansson	
The Carbon Footprint of Ceramic Products	113
Paula Quinteiro, Marisa Almeida, Ana Cláudia Dias, António Araújo and Luís Arroja	
Carbon Footprint of Mobile Devices: Open Questions in Carbon Footprinting of Emerging Mobile ICT Technologies	151
Tuomas Mattila, Jáchym Judl and Jyri Seppälä	
The Carbon Footprint of Pigmeat in Flanders	167
R. Jacobsen, V. Vandermeulen, G. Van Huylenbroeck and X. Gellynck	
Carbon Emission and Carbon Footprint of Different Industrial Spaces in Different Regions of China	191
Rongqin Zhao, Xiaowei Chuai, Xianjin Huang, Li Lai and Jiawen Peng	

**Eco-Design and Product Carbon Footprint Use
in the Packaging Sector 221**
Esther Sanyé-Mengual, Raul García Lozano, Jordi Oliver-Solà,
Carles M. Gasol and Joan Rieradevall

**Carbon Footprint of Crop Production and the Significance
for Greenhouse Gas Reduction in Agriculture Sector of China 247**
Ming Yan, Kun Cheng, Ting Luo and Genxing Pan

**Carbon Footprint of the Solid Waste Sector in Greater
Bangalore, India 265**
T. V. Ramachandra, K. Shwetmala and Dania M. Thomas



<http://www.springer.com/978-981-4560-40-5>

Assessment of Carbon Footprint in Different Industrial Sectors, Volume 1

Muthu, S.S. (Ed.)

2014, VIII, 292 p. 89 illus., 74 illus. in color., Hardcover

ISBN: 978-981-4560-40-5