

1. Record Nr.	UNINA9910741148103321
Titolo	Goal and Scope Definition in Life Cycle Assessment // edited by Mary Ann Curran
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2017
ISBN	94-024-0855-X
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XI, 170 p. 20 illus., 9 illus. in color.)
Collana	LCA Compendium – The Complete World of Life Cycle Assessment, , 2214-3505
Disciplina	658.5
Soggetti	Environmental management Climate change Environmental health Ecotoxicology Sustainable development Environmental Management Climate Change Environmental Health Sustainable Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Overview of Goal and Scope Definition in Life Cycle Assessment -- Selection of Impact Categories, Category Indicators and Characterization Models -- Attributional Life Cycle Assessment -- Consequential Life Cycle Assessment -- Goal and Scope Connection to the Interpretation Phase.
Sommario/riassunto	This book describes the importance of the goal and scope phase for the entire LCA study. In this first phase of the LCA framework (ISO standardized), the purpose of the assessment is defined and decisions are made about the details of the industrial system being studied and how the study will be conducted. Selecting impact categories, category indicators, characterization models, and peer review is decided during goal and scope definition. The book provides practical guidance and an overview of LCIA methods available in LCA software. Although not

specified in the ISO standards, Attributional LCA and Consequential LCA are presented in order to appropriately determine the goal and scope of an assessment. The book closes with the interconnection between goal and scope definition and the interpretation phase. Example goal and scope documents for attributional and consequential LCAs are provided in the annexes.
