1. Record Nr. UNINA9910557285203321

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Titolo	Supply Chain Management for Bioenergy and Bioresources
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (148 p.)
Soggetti	Biology, life sciences Research & information: general Technology, engineering, agriculture
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In the modern world, the competitiveness of bioenergy- and/or bioresources-related activities heavily depends on the effectiveness of supply chain management. A large number of multidisciplinary topics are involved in the bioresources and bioenergy production fields. Although the technical issues that are related with the topic are well-discussed and do not represent major barriers, supply chain management issues, such as design of the network, collection, storage or transportation of bioresources, are still considered as fundamental questions that need to be answered to enable the optimal exploitation of bioenergy and bioresources. Moreover, modeling of material and energy flows; identification of the dynamic character of the supply chains; available reverse logistics (waste management) alternatives; economic, social and environmental sustainability of bioresource supply chains; novelty in the applied business models; and decision support frameworks towards efficient supply chain management for bioenergy and bioresources present critical operational sustainability issues and business-making potential. This Special Issue, entitled "Supply Chain Management for Bioenergy and Bioresources", seeks to contribute to the bioenergy and bioresources agenda through enhanced scientific and multi-disciplinary knowledge that may boost

	the performance efficiency of supply chain management and support the decision-making process of stakeholders. To that end, the Special Issue includes one extensive review on yellow and woody biomass supply-chain management, together with six original papers which span a number of innovative, multifaceted, technical developments that are related to all different echelons of supply chain management for bioenergy and bioresources.

2. Record Nr. UNINA9910144916303321

Titolo	Semantics in Databases / / edited by Bernhard Thalheim, Leonid Libkin
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1998
ISBN	3-540-69700-4
Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (XIII, 271 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1358
Disciplina	005.74
Soggetti	Data structures (Computer science) Database management Computer logic Information storage and retrieval Data Structures and Information Theory Database Management Logics and Meanings of Programs Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	An informal and efficient approach for obtaining semantic constraints using sample data and natural language processing -- Achievements of relational database schema design theory revisited -- Semantics of database transformations -- The evolving algebra semantics of class and role hierarchies -- Semantics in spatial databases -- The additivity problem for data dependencies in incomplete relational databases -- A semantics-based approach to design of query languages for partial

	information -- Constraint databases: A survey -- Redundancy elimination and a new normal form for relational database design.
Sommario/riassunto	This book presents a coherent suvey on exciting developments in database semantics. The origins of the volume date back to a workshop held in Prague, Czech Republic, in 1995. The nine revised full papers and surveys presented were carefully reviewed for inclusion in the book. They address more traditional aspects like dealing with integrity constraints and conceptual modeling as well as new areas of databases; object-orientation, incomplete information, database transformations and other issues are investigated by applying formal semantics, e.g. the evolving algebra semantics.