

1. Record Nr.	UNINA9910985681803321
Autore	Dahiya Anju
Titolo	Bioenergy: Biomass to Biofuels
Pubbl/distr/stampa	London, : Academic Press, 2020
ISBN	0-12-815498-5 0-12-815497-7
Edizione	[2nd ed.]
Descrizione fisica	1 online resource
Disciplina	662.88
Soggetti	Biomass Fuel
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	Bioenergy: Biomass to Biofuels and Waste to Energy, Second Edition presents a complete overview of the bioenergy value chain, from feedstock to end products. It examines current and emerging feedstocks and advanced processes and technologies enabling the development of all possible alternative energy sources. Divided into seven parts, bioenergy gives thorough consideration to topics such as feedstocks, biomass production and utilization, life-cycle analysis, energy return on invested, integrated sustainability assessments, conversions technologies, biofuels economics, business, and policy. In addition, contributions from leading industry professionals and academics, augmented by related service-learning case studies and quizzes, provide readers with a comprehensive resource that connect theory to real-world implementation. Bioenergy: Biomass to Biofuels and Waste to Energy, Second Edition provides engineers, researchers, undergraduate and graduate students, and business professionals in the bioenergy field with valuable, practical information that can be applied to implementing renewable energy projects, choosing among competing feedstocks, technologies, and products. It also serves as a basic resource for civic leaders, economic development professionals, farmers, investors, fleet managers, and reporters interested in an organized introduction to the language, feedstocks, technologies, and

products in the biobased renewable energy world.
