1. Record Nr. UNINA9910797846503321

Autore	Neff Robert D.
Titolo	Letters from Joseon : 19th century Korea through the eyes of an American Ambassador's wife / / written and compiled by Robert Neff
Pubbl/distr/stampa	Seoul, Korea : , : Seoul Selection, , 2012 ©2012
ISBN	1-62412-011-3
Descrizione fisica	1 online resource (434 pages) : illustrations, photographs
Altri autori (Persone)	SillSally Beaumont
Disciplina	951.902
Soggetti	Visitors, Foreign - Korea - Social life and customs - 19th century Korea Social life and customs 1864-1910
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.

2. Record Nr. UNINA9910557153203321

Autore	Tumuluru Jaya
Titolo	Woody Biomass for Bioenergy Production
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (182 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Woody biomass is most widely used for energy production. In the United States, roughly 2% of the energy consumed annually is generated from wood and wood-derived fuels. Woody biomass needs to be preprocessed and pretreated before it is used for energy production. Preprocessing and pretreatments improve the physical, chemical, and rheological properties, making them more suitable for feeding, handling, storage transportation, and conversion. Mechanical preprocessing technologies such as size reduction and densification, help improve particle size distribution and density. Thermal pretreatment can reduce grinding energy and torrefied ground biomass has improved sphericity, particle surface area, and particle size distribution. This book focuses on several specific topics, such as understanding how forest biomass for biofuels impacts greenhouse gas emissions; mechanical preprocessing, such as densification of forest residue biomass, to improve physical properties such as size, shape, and density; the impact of thermal pretreatment temperatures on woody biomass chemical composition, physical properties, and microstructure for thermochemical conversions such as pyrolysis and gasification; the grindability of torrefied pellets; use of wood for gasification and as a filter for tar removal; and understanding the pyrolysis kinetics of biomass using thermogravimetric analyzers.