

1. Record Nr.	UNINA9910555187103321
Titolo	Biomass energy with carbon capture and storage (BECCS) : unlocking negative emissions // edited by Clair Gough [and four others]
Pubbl/distr/stampa	Hoboken, NJ : , : Wiley, , 2018
ISBN	1-119-23768-8 1-119-23763-7 1-119-23771-8
Descrizione fisica	1 online resource (341 pages)
Disciplina	577/.144
Soggetti	Carbon sequestration Biomass energy - Climatic factors Climate change mitigation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Understanding negative emissions from BECCS -- The supply of biomass for bioenergy -- Post-combustion and oxy-combustion technologies -- Pre-combustion technologies -- Techno-economics of biomass-based power generation with CCS technologies for deployment in 2050 -- Life cycle assessment -- System characterisation of carbon capture & storage (CCS) systems -- The system value of deploying bioenergy with CCS (BECCS) in the UK -- The climate change mitigation challenge -- The future for bioenergy systems : the role of BECCS -- Policy frameworks and supply chain accounting -- Social and ethical dimensions of BECCS -- Unlocking negative emissions.