

1. Record Nr.	UNINA9910779222903321
Titolo	Carbon capture and sequestration : removing the legal and regulatory barriers // M. Granger Morgan. [at al.]
Pubbl/distr/stampa	New York, N.Y. : , : RFF Press, , 2012
ISBN	1-136-29375-2 1-280-68625-1 0-203-11505-8
Descrizione fisica	1 online resource (305 p.)
Altri autori (Persone)	MorganM. Granger <1941-> (Millett Granger)
Disciplina	344.7304/6342
Soggetti	Carbon sequestration - Law and legislation - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The importance of CCS in a carbon constrained world -- Technology for carbon capture and geologic sequestration (CCS)ation -- Siting CO2 pipelines for geologic sequestration -- Permitting geological sequestration sites -- Learning from and adapting to changes in geologic sequestration technology -- Access to pore space for geological sequestration -- Liability and the management of long-term stewardship -- Greenhouse gas accounting for CCS -- Making ccs a reality -- Conclusions and recommendations.
Sommario/riassunto	The United States produces over seventy percent of all its electricity from fossil fuels and nearly fifty percent from coal alone. Worldwide, forty-one percent of all electricity is generated from coal, making it the single most important fuel source for electricity generation, followed by natural gas. This means that an essential part of any portfolio for emissions reduction will be technology to capture carbon dioxide and permanently sequester it in suitable geologic formations. While many nations have incentivized development of CCS technology, large regulatory and legal barriers exist that