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Titolo	Appalachia's coal-mined landscapes : resources and communities in a new energy era // edited by Carl E. Zipper, Jeff Skousen
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ISBN	3-030-57780-5
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XIV, 351 p. 91 illus., 43 illus. in color.)
Disciplina	929.605
Soggetti	Coal mines and mining - Environmental aspects - Appalachian Region Natural resources - Appalachian Region - Management Coal mines and mining - Appalachian Region
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Part 1: Introduction to Appalachian Coalfield Landscape and Resources -- Appalachian coalfield landscapes, ecosystems, and economy -- Geology and mineral resources -- Coal Mining and Reclamation in Appalachia -- Part 2: Land -- Landscape Alteration -- Mine soils -- Hydrology -- Terrestrial plant communities -- Terrestrial wildlife -- Management options for mining-affected landscapes -- Underground mining -- Part 3: Water -- Acid drainage: Origins, effects, and treatment -- Other water contaminants -- Aquatic biota and response to mining -- Part 4: Human Ecology of Appalachian Mined Landscapes -- Cultural & Economic issues -- Human Health -- Concluding Chapter: Synthesis.
Sommario/riassunto	This book collects and summarizes current scientific knowledge concerning coal-mined landscapes of the Appalachian region in eastern United States. Containing contributions from authors across disciplines, the book addresses topics relevant to the region's coal-mining history and its future; its human communities; and the soils, waters, plants, wildlife, and human-use potentials of Appalachia's coal-mined landscapes. The book provides a comprehensive overview of coal mining's legacy in Appalachia, USA. It book describes the resources of the Appalachian coalfield, its lands and waters, and its human

communities – as they have been left in the aftermath of intensive mining, drawing upon peer-reviewed science and other regional data to provide clear and objective descriptions. By understanding the Appalachian experience, officials and planners in other resource extraction- affected world regions can gain knowledge and perspectives that will aid their own efforts to plan and manage for environmental quality and for human welfare. Appalachia's Coal-Mined Landscapes: Resources and Communities in a New Energy Era will be of use to natural resource managers and scientists within Appalachia and in other world regions experiencing widespread mining, researchers with interest in the region's disturbance legacy, and economic and community planners concerned with Appalachia's future.
