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Titolo	Computational intelligent data analysis for sustainable development // edited by Ting Yu, Nitesh Chawla, Simeon Simoff
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Descrizione fisica	1 online resource (443 p.)
Collana	Chapman & Hall/CRC data mining and knowledge discovery series
Altri autori (Persone)	YuTing <1975->
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Soggetti	Sustainable development - Data processing Public works - Planning - Data processing Social policy - Data processing Environmental quality - Mathematical models Data mining Electronic books.
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	section 1. Integrated sustainability analysis -- section 2. Computational intelligent data analysis for climate change -- section 3. Computational intelligent data analysis for biodiversity and species conservation -- section 4. Computational intelligent data analysis for smart grid and renewable energy -- section 5. Computational intelligent data analysis for sociopolitical sustainability.
Sommario/riassunto	Intelligent data analysis techniques offer powerful solutions to collecting and analyzing vast quantities of environmental and economic data, which lead to better decision making for sustainable development. This volume is the first to discuss the treatment of intelligent data analysis techniques in sustainable development applications. The book describes the emerging use of data mining, machine learning, artificial neural networks, data visualization, knowledge discovery, GIS, and other technologies to tackle environmental, economic, and social issues, including climate change, risk management, and population growth--

