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Altri autori (Persone)	BassillNick P RaniKhushboo
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Soggetti	Sustainability Environmental monitoring Quantitative research Urban ecology (Biology) Environmental Monitoring Data Analysis and Big Data Urban Ecology
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Nota di contenuto	Introduction -- Literature Review -- Sustainable Development Goals -- Applications of Data Analytics and Remote Sensing for Sustainable Development -- Conclusion.
Sommario/riassunto	This book presents analysis of data analytics and remote sensing which are two powerful tools that can be used to support sustainable development. Remote sensing involves the use of sensors to gather data about the environment from a distance, while data analytics refers to the use of statistical and computational techniques to extract insights and patterns from large datasets. Sustainable development and remote sensing are used to monitor changes in the environment, such as deforestation, land use change, and water quality. This information is analyzed using data analytics to identify trends and patterns and to develop strategies for sustainable development. Remote sensing is used to monitor the health of forests, and data analytics is used to

identify areas where deforestation is particularly high. This information is then used to develop targeted strategies for reducing deforestation, such as promoting sustainable forestry practices or supporting reforestation efforts. It is also used to monitor water quality, and data analytics is used to identify sources of pollution and to develop strategies for improving water quality. This information is particularly important in developing countries, where access to clean water is often a major challenge. Furthermore, data analytics and remote sensing are powerful tools for supporting sustainable development. By gathering and analyzing data about the environment, authors better understand the challenges they face and develop effective strategies for addressing them.

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