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Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 638
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Soggetti	Environmental engineering Biotechnology Bioremediation Ecology Environmental Engineering/Biotechnology Environmental Sciences
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Sommario/riassunto	This book presents topics that are challenging fields that scientific world is trying to address as much as it can. Earthquakes, floods, fires, droughts, blizzards, dust storms, natural releases of toxic gases and liquids, diseases, and other environmental variations affect hundreds of millions of people each year. Many disaster events are triggered by human activities. Dealing with these problems will require systems thinking and integrating multidisciplinary science. Actions in these directions are taken more and more in the recent years by political bodies, NGOs, and scientific groups trying to find sustainable solutions for the future generations. Every point of view matters when it comes to our global home—The Planet Earth. The book presents research findings and conclusions that have been developed as algorithms or new methods solving problems in the fields of disaster management,

natural hazards, risk reduction and building resilience, climate change challenges and security implications, air pollution and health, water resources and management and informatics, remote sensing, GIS, and high-performance computing. The 2nd International Conference on Environmental Protection and Disaster Risks in combination with the 10th Annual CMDR COE Conference on Crisis Management and Disaster Response brought together in the period June 06-09, 2022, in Sofia, Bulgaria scientists who presented their findings in the fast developing environmental management and disaster risk reduction field.
