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Titolo	Environmental Resource Management and the Nexus Approach : Managing Water, Soil, and Waste in the Context of Global Change // edited by Hiroshan Hettiarachchi, Reza Ardakanian
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Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1. Managing Water, Soil, and Waste in the Context of Global Change (Hiroshan Hettiarachchi) -- Part 1. Climate Change Adaptation -- 2. Climate Change Impacts and Adaptation in Water and Land Context (Zbigniew Kundzewicz) -- 3. Climate Change, Profligacy, Poverty and Destruction: All Things are Connected (Brian Moss) -- Part 2. Urbanization as a Main Driver of Global Change -- 4. A Nexus Approach to Urban and Regional Planning Using the Four Capital Framework of Ecological Economics (Robert Costanza) -- 5. The Urban Water-Energy Nexus: Building Resilience for Global Change in the 'Urban Century' (Christopher A. Scott) -- Part 3. Population Growth and Increased Demand for Resources -- 6. Role of Soils for Satisfying Global Demands for Food, Water, and Bioenergy (Winfried E.H. Blum) --

7. Implications of the Nexus Approach when Assessing Water and Soil Quality as a Function of Solid and Liquid Waste Management (Johan Bouma).

Sommario/riassunto

This book elaborates how water, soil, and waste may be managed in a nexus and how this approach may help combat global change. In addition to providing a brief account on nexus thinking and how it may help us tackle issues important to the world community such as food security, the book presents the environmental resource perspective of three main aspects of global change: climate change, urbanization, and population growth. Taking as its point of departure the thematic discussions of the Dresden Nexus Conference (DNC 2015) held in March 2015, the book presents the perspectives of a number of thought leaders on how the nexus approach could contribute to sustainable environmental resource management. The first chapter provides an introduction to the issues and content of the book. Chapters 2 and 3 focus on climate change adaptation. Chapters 4 and 5 discuss the role of urbanization as a main driver of global change. The last two chapters of the book present ideas on how the nexus approach may be used to cope with population growth and increased demand for resources.