

1. Record Nr.	UNINA9910460512203321
Autore	Bardgett Richard D.
Titolo	Earth matters : how soil underlies civilization / / Richard D. Bardgett
Pubbl/distr/stampa	Oxford, England ; ; New York, New York : , : Oxford University Press, , 2016 ©2016
ISBN	0-19-191833-4 0-19-164563-X
Edizione	[First edition.]
Descrizione fisica	1 online resource (216 p.)
Collana	Oxford scholarship online
Disciplina	574.90948
Soggetti	Soil biology Soil and civilization Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	This edition previously issued in print: 2016.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; EARTH MATTERS: How soil underlies civilization; Copyright; Dedication; PREFACE; ACKNOWLEDGEMENTS; CONTENTS; LIST OF FIGURES; 1: Soil and the Distant Past; PARENT MATERIAL; TOPOGRAPHY; CLIMATE; THE BIOTIC FACTOR; TIME; MAN AS A SOIL-FORMER; 2: Soil and Biodiversity; A JOURNEY ACROSS THE GLOBE; A WALK IN THE PARK; SOIL BIODIVERSITY AND TIME; DOES SOIL BIODIVERSITY MATTER?; THE ENGINEERS; THE GOOD, THE BAD, AND THE UGLY; 3: Soil and the Grower; EARLY IDEAS ON SOIL FERTILITY; THE GREEN REVOLUTION; SOIL DEGRADATION; LIGHT AT THE END OF THE TUNNEL; TERROIR; 4: Soil and the City ASPHALT, BRICKS, AND CONCRETETHE HIDDEN SOILS OF THE CITY; THE SPORTS PITCH; CONTAMINATED SOIL; NIGHT SOIL; 5: Soil and War; MUD AND THE FIRST WORLD WAR; THE MUD MARCH AND WATERLOO; TUNNELS OF WAR; BOMBTURBATION; AGENT ORANGE; DEPLETED URANIUM; FALLOUT FROM NUCLEAR WEAPONS; DIG FOR VICTORY; 6: Soil and Climate Change; THE GREENHOUSE GASES; SOIL AS A CARBON SINK; CLIMATE CHANGE AND SOIL CARBON CYCLING; CLIMATE, PLANTS, AND SOILS; STORING CARBON; 7: Soil and the Future; NOTES AND REFERENCES; INDEX; COLLIDING CONTINENTS: A geological

exploration of the Himalaya, Karakoram, and Tibet

THE EMERALD PLANET: How plants changed Earth's history

THE GOLDILOCKS PLANET The 4 billion year story of Earth's climate; OCEAN

WORLDS: The story of seas on Earth and other planets; THE PLANET IN

A PEBBLE: A journey into Earth's deep history; WAKING THE GIANT: How a changing climate triggers earthquakes, tsunamis, and volcanoes

Sommario/riassunto

'Earth Matters' describes the importance of soil, the many ways in which we depend on it, and how humans have worked with the soil throughout history. Exploring the reasons for increasing recognition and respect for soil even among town and city dwellers, Bardgett concludes with a look at current efforts to stop widespread soil degradation.
