

1. Record Nr.	UNINA9910959581503321
Titolo	Sustaining biodiversity and ecosystem services in soils and sediments / / edited by Diana H. Wall ; [foreword by Harold A. Mooney]
Pubbl/distr/stampa	Washington, : Island Press, c2004
ISBN	1-59726-785-6 1-4356-4859-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (275 p.)
Collana	SCOPE ; ; 64
Altri autori (Persone)	WallDiana H
Disciplina	577.5/7
Soggetti	Soil ecology - Economic aspects Biodiversity - Economic aspects Ecosystem management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A project of SCOPE, the Scientific Committee on Problems of the Environment, of the International Council for Science."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Title Page; Copyright Page; Table of Contents; Figures and Tables; Foreword; Preface; Acknowledgments; Ch. 1: The Need for Understanding How Biodiversity and Ecosystem Functioning Affect Ecosystem Services in Soils and Sediments; Part I: Ecosystem Processes and the Sustainable Delivery of Goods and Services; Ch. 2: The Sustainable Delivery of Goods and Services Provided by Soil Biota; Ch. 3: Ecosystem Services Provided by Freshwater Benthos; Ch. 4: Marine Sedimentary Biota as Providers of Ecosystem Goods and Services Part II: Assessment of the Vulnerability of Critical Below-Surface Habitats, Functions, and TaxaCh. 5: Vulnerability to Global Change of Ecosystem Goods and Services Driven by Soil Biota; Ch. 6: Vulnerability and Management of Ecological Services in Freshwater Systems; Ch. 7: Vulnerability of Marine Sedimentary Ecosystem Services to Human Activities; Part III: Connections Between Soils and Sediments: Implications for Sustaining Ecosystems; Ch. 8: Connecting Soil and Sediment Biodiversity: The Role of Scale and Implications for Management Ch. 9: Cascading Effects of Deforestation on Ecosystem Services Across Soils and Freshwater and Marine SedimentsCh. 10: Understanding the Functions of Biodiversity in Soils and Sediments Will Enhance Global

Ecosystem Sustainability and Societal Well-Being; Contributors; SCOPE Series List; SCOPE Soil and Sediment Biodiversity and Ecosystem Functioning (SSBEF) Committee Publications; SCOPE Executive Committee 2001-2004; Index

**Sommario/riassunto**

Sustaining Biodiversity and Ecosystem Services in Soils and Sediments brings together the world's leading ecologists, systematists, and evolutionary biologists to present scientific information that integrates soil and sediment disciplines across terrestrial, marine, and freshwater ecosystems.