

1. Record Nr.	UNINA9910494562703321
Titolo	Integrated natural resources research // Lawrence K. Wang, Mu-Hao Sung Wang and Yung-Tse Hung, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-61002-0
Descrizione fisica	1 online resource (662 pages)
Collana	Handbook of environmental engineering ; ; Volume 22
Disciplina	333.7
Soggetti	Natural resources Environmental engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book is a sister volume to Volume 20 of the Handbook of Environmental Engineering Series, "Integrated Natural Resources Management", and expands on the themes of that volume by addressing the conservation and protection of natural resources in an environmental engineering context through state-of-the-art research methodologies and technologies. With a focus on water and wastewater treatment, the book takes a multidisciplinary approach to provide readers with an understanding of developments in natural resources technology over the last few decades, and how technology and industry methods will progress to ensure cleaner and sustainable methods of natural resources management. The key topics covered include biological activated carbon treatment for recycling biotreated wastewater, composting for food processing wastes, treatment of wastewater from chemical industries, agricultural waste as a low-cost adsorbent, and the invention, design and construction of potable water dissolved air flotation and filtration plants. The book will be useful to environmental resources engineers, researchers, water treatment plant managers, chemical engineers, industrial plant managers, and environmental conservation agencies.

