



International Journal of
***Environmental Research
and Public Health***



Special Issue Reprint

Soil Degradation, Soil Pollution and Ecological Restoration

www.mdpi.com/books/reprint/8228

Edited by

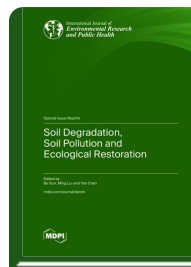
Bo Sun

Ming Liu

Yan Chen

ISBN 978-3-0365-8959-6 (Hardback)

ISBN 978-3-0365-8958-9 (PDF)



Soil degradation is a complex phenomenon that can result in a diminished capacity of the ecosystem to provide goods and services for its beneficiaries. Degraded soils have a health status such that they do not provide the normal goods and services of the particular soil in its ecosystem. Ecological rehabilitation is required when the soil is degraded to such an extent that the land becomes unproductive. Soil degradation can be caused by various factors, including physical aspects such as soil sealing and crusting, soil erosion, and soil compaction, which may result in severe landscape deterioration. Soil nutrient imbalance or depletion is also a widespread cause of soil degradation due to inappropriate practices in agricultural areas. Acidification, alkalization, and salinization are also serious problems of soil degradation. In addition to physical and chemical soil degradation, the biological health of the soil can be damaged as well. In recent decades, toxic contamination of soil, for instance, heavy metal pollution, organic pollutant contamination, etc., has brought more pressing issues. Therefore, effective and up-to-date technology for soil degradation and soil pollution restoration is urgently needed. The goal of this Special Issue was to establish a platform for researchers to communicate research results or the latest insights in related fields.



Order Your Print Copy

You can order print copies at

www.mdpi.com/books/reprint/8228

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.