



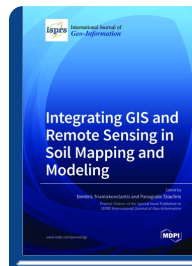
Special Issue Reprint

Integrating GIS and Remote Sensing in Soil Mapping and Modeling

www.mdpi.com/books/reprint/6428

Edited by
Dimitris Triantakostas
Panagiotis Tziachris

ISBN 978-3-0365-5978-0 (Hardback)
ISBN 978-3-0365-5977-3 (PDF)



The aim of this book is to publish original contributions or review articles that evaluate the integration of GIS and remote sensing in agricultural practice by improving soil quality and environmental health. The complexity of spatial data and modeling methods in soil science imposes the need for combined integrated approaches using robust methods, leading to more accurate and reliable outcomes in sustainable soil management. More specifically, we are interested in studies that investigate the impact of widely applied geographical approaches in everyday soil research and activities. This book addresses many aspects, including soil mapping and the spatial modeling of soil characteristics, precision agriculture, geostatistics, machine learning, and the development of software tools for data collection and processing. Work that directly addresses the response of anthropogenic interventions to ecosystems and climate change is particularly welcome. Theoretical approaches and lab and/or field experimentation cases are equally welcome to this Special Issue, "Integrating GIS and Remote Sensing in Soil Mapping and Modeling".



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/6428

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.