



GEOSPATIAL TECHNOLOGY FOR NATURAL RESOURCE MANAGEMENT

Edited By
**Shruti Kanga, Gowhar Meraj,
Suraj Kumar Singh, Majid Farooq,
and M. S. Nathawat**

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WILEY

Geospatial Technology for Natural Resource Management

Scrivener Publishing
100 Cummings Center, Suite 541J
Beverly, MA 01915-6106

Publishers at Scrivener

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This edition first published 2024 by John Wiley & Sons, Inc., 111 River Street, Hoboken, NJ 07030, USA and Scrivener Publishing LLC, 100 Cummings Center, Suite 541J, Beverly, MA 01915, USA

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Library of Congress Cataloging-in-Publication Data

ISBN 978-1-394-16636-7

Front cover images supplied by Adobe Firefly

Cover design by Russell Richardson

Set in size of 11pt and Minion Pro by Manila Typesetting Company, Makati, Philippines

Printed in the USA

10 9 8 7 6 5 4 3 2 1

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Geospatial Technology for Natural Resource Management

Chapter 3

Integrating Sustainable Development Goals with the Management of Natural and Technological Hazards and Disaster Risk Reduction

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Book Editor(s): Shruti Kanga, Gowhar Meraj, Suraj Kumar Singh, Majid Farooq, M. S. Nathawat

First published: 17 October 2024

<https://doi.org/10.1002/9781394167494.ch3>

Summary

This chapter explores the critical need for integrating Sustainable Development Goals (SDGs) with the management of natural and technological hazards and disaster risk reduction (DRR). Natural and technological hazards pose significant threats to human life, infrastructure, and sustainable development. The SDGs provide a comprehensive framework for addressing various societal challenges including poverty, inequality, climate change, and sustainable development. This chapter highlights the importance of aligning DRR efforts with SDGs to enhance resilience, reduce vulnerability, and promote sustainable development in the face of hazards and disasters. It examines the intersections between specific SDGs, such as SDG 1 (No Poverty), SDG 2 (Zero Hunger), SDG 11 (Sustainable Cities and Communities), SDG 13 (Climate Action), and the management of hazards and DRR. The chapter also discusses the key principles, strategies, and policy recommendations for integrating SDGs into hazard management and DRR frameworks. By fostering synergies between SDGs and hazard management, this chapter aims to contribute to a holistic approach that enhances disaster resilience and advances sustainable development.

References

