



Springer

1st
edition1st ed. 2020, VIII, 242 p.
100 illus., 79 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-3-030-39390-8

\$ 159,99

Available

Discount group

Professional Books (2)

Product category

Contributed volume

Series

Springer Tracts in Civil Engineering

Other renditions

Softcover

ISBN 978-3-030-39393-9

Engineering : Geoengineering, Foundations, Hydraulics

Gocić, M., Aronica, G.T., Stavroulakis, G.E., Trajković, S. (Eds.)

Natural Risk Management and Engineering

NatRisk Project

- Reports on new research directions in the field of natural disasters risk management
- Enables government bodies, specialized personnel and private citizens to prevent and adequately cope with the consequences of natural disasters
- Written by leading experts in the field

This book summarizes the research being pursued as part of the Erasmus+ CBHE KA2 project entitled "Development of master curricula for natural disasters risk management in Western Balkan countries" (NatRisk), which aims to educate experts on the prevention and management of natural disasters in the Western Balkan region in line with national and EU policies. The project has successfully developed and implemented master curricula and educational training in the field of natural disasters risk management, and a methodology for the identification and prevention of natural disasters. Consisting of 11 chapters, the book analyzes and discusses topics such as risk assessment tools and quality methods, the different approaches for civil-military collaboration, natural disasters risk management in Bosnia and Herzegovina, leadership models for managing crises resulting from natural disasters, natural disasters in industrial areas, natural risk management in geotechnics, flood risk modeling, adaptive neuro-fuzzy inference models for flood prediction, collapse prediction of masonry arches, an algorithm for fire truck dispatch in emergency situations, and processing drought data in a GIS environment.

Order online at [springer.com/booksellers](https://www.springer.com/booksellers)**Springer Nature Customer Service Center LLC**

233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com

ISBN 978-3-030-39390-8 / BIC: RBP / SPRINGER NATURE: SCT23020

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**