

1. Record Nr.	UNINA9910595025303321
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Titolo	Flash Floods in Vietnam : Causes, Impacts, and Solutions // by Le Huy Ba, Thai Van Nam, Le Hung
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-031-10532-X
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (176 pages)
Disciplina	344.053493 363.3493
Soggetti	Natural disasters Environmental sciences - Social aspects Geographic information systems Natural Hazards Environmental Social Sciences Geographical Information System
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter1. Study Overview of Flash Floods -- Chapter2. Knowledge of Flash Flood and Related Problems -- Chapter3. Collection and Investigation on Natural and Socio-Economic Characteristics Related to Flash Floods -- Chapter4. Establishing the Databases for Mapping Flash Flood Risk -- Chapter5. Building the Map of Flash Flood Risk -- Chapter6. Solutions for Preventing and Limiting Flash Flood Risk.
Sommario/riassunto	This book discusses the threats and impacts of flash floods in Vietnam on environmental, human, and socio-economic resources, and covers monitoring, forecasting, warning, urgent action plans, and prevention solutions. While the work focuses on cases in Vietnam, it is applicable to many regions in the world that experience flash flooding as a common occurrence. Through data collection, field surveys, and investigational statistics from a specialized group of authors, the book provides comprehensive background knowledge on flash floods, and a flash flood hazard map using remote sensing and GIS techniques that can be used to assess the likelihood and potential impacts of flash

floods before vulnerable areas and populations can be threatened. The intended audience of this manuscript is people interested in the fields of weather, environment, and natural disasters. It will serve as a reference for environmental managers, administrators of disaster planning, and extreme weather scientists .

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