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Titolo	Flash Floods in Egypt // edited by Abdelazim M. Negm
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Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (VIII, 393 p. 304 illus., 278 illus. in color.)
Collana	Advances in Science, Technology & Innovation, IEREK Interdisciplinary Series for Sustainable Development, , 2522-8714
Disciplina	551.4890962
Soggetti	Environmental sciences Natural resources Natural disasters Hydrology Water pollution Energy systems Environmental Science and Engineering Natural Resources Natural Hazards Hydrology/Water Resources Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution Energy Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Introduction -- Recent Technologies for Investigating Flash Flood -- Environmental Approaches in Flash Flood -- Hazards and Utilization of Flash Floods in Sinai -- Mitigation of Flash Flood -- Conclusions.
Sommario/riassunto	This book presents the latest findings and information on flash floods in Egypt and presents case studies from various regions throughout the country. The quantitative and qualitative dimensions of these flash floods are discussed on the basis of statistical analysis and field observations. The book covers a broad and diverse range of topics, including evaluation of drainage basins, early warning systems, flash

flood investigations, hydrologic simulation, GIS and flash floods, environmental flash floods, hazard management, flash flood monitoring, assessment of flood risks, flash flood vulnerability and mitigation, management of flash floods, prediction and mitigation, and rainfall harvesting and utilization. The book offers a unique source of information on virtually all dimensions of flash floods in Egypt and their environmental impacts, and combines analysis, observations, and experts' hands-on field experience. It also supports the assessment and management of flash floods in Egypt, a country currently facing many challenges in implementing sustainable development plans, mainly because of the severe water scarcity the arid country facing.

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