

1. Record Nr.	UNINA9910789890103321
Titolo	Droughts in Asian monsoon region [[electronic resource] /] / edited by Rajib Shaw, Huy Nguyen
Pubbl/distr/stampa	Bingley [England], : Emerald Group Pub., 2011
ISBN	1-283-35469-1 9786613354693 0-85724-864-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (203 p.)
Collana	Community, environment and disaster risk management, , 2040-7262 ; ; v. 8
Altri autori (Persone)	ShawRajib NguyễnHuy
Disciplina	363.34929095
Soggetti	Nature - Environmental Conservation & Protection Nature - Natural Disasters Nature - Weather The environment Drought & water supply Droughts - Asia Droughts - Economic aspects - Asia South Asia Southeast Asia Asien
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	ch. 1. Overview and characteristics of Asian monsoon drought / Rajib Shaw, Huy Nguyen, Umma Habiba, Yukiko Takeuchi -- ch. 2. Socioeconomic impact of droughts in Bangladesh / Umma Habiba, Rajib Shaw, Yukiko Takeuchi -- ch. 3. Adaptation to droughts in Cambodia / Huy Nguyen, Rajib Shaw -- ch. 4. Drought, its impacts and management : scenario in India / Jayanta Sarkar -- ch. 5. Overview of droughts in Myanmar / U Than Myint, San Hla Thaw, Ye Ye Nyein -- ch. 6. Drought risk reduction in the dry zone of Sri Lanka / Rekha Nianthi -- ch. 7. Thailand drought risk management : macro and micro

strategies / Porranee Thanapakpawin, Surajate Boonya-aroonnet, Aisawan Chankarn, Royol Chitradon, Anond Snidvongs -- ch. 8. Drought risk management in Vietnam / Huy Nguyen, Rajib Shaw -- ch. 9. Proactive drought risk reduction approaches in the Asian monsoon region / Rajib Shaw, Huy Nguyen, Umma Habiba, Yukiko Takeuchi.

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## Sommario/riassunto

Drought is a slow-onset disaster. The impacts are invisible and are often reflected as a complex socio-economic phenomenon. Due to changes in the climatic conditions droughts are increasingly occurring in non-traditional drought prone areas. The Asian monsoon region is one of these areas where consecutive years of droughts are causing severe problems for the lives and livelihoods of the communities. The impacts are becoming increasingly more visible, and drawing the attention of policy makers and professionals from national and international levels. In this context, this book outlines the characteristics and challenges of the Asian monsoon drought and highlights innovative solutions and approaches undertaken in different parts of the region. A ready-reference for field practitioners it combines academic research and field practices, and builds on actual implementation experiences of drought risk reduction. Providing a thorough examination of the subject and region, chapters cover droughts in Vietnam, Cambodia, Laos, Thailand, Myanmar, Bangladesh, India and Sri Lanka. It concludes with an article on cross-cutting experiences and drought risk reduction in the Asian Monsoon Region.

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2. Record Nr.	UNINA9910298322703321
Titolo	High-Performance In-Memory Genome Data Analysis : How In-Memory Database Technology Accelerates Personalized Medicine // edited by Hasso Plattner, Matthieu-P. Schapranow
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-03035-3
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (239 p.)
Collana	In-Memory Data Management Research, , 2196-8055
Disciplina	502.85 572.80285
Soggetti	Bioinformatics Computational biology Information technology Business—Data processing Statistics Biomathematics Medical informatics Computer Appl. in Life Sciences Computational Biology/Bioinformatics IT in Business Statistics and Computing/Statistics Programs Genetics and Population Dynamics Health Informatics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Innovations for Personalized Medicine -- 2. Modeling Genome Data Processing Pipelines -- 3. Scheduling and Execution of Genome Data processing Pipelines -- 4. Exchanging Medical Knowledge -- 5. Billing Processes in Personalized Medicine -- 6. Real-time Analysis of Patient Cohorts -- 7. Ad-hoc Analysis of Genetic Pathways -- 8. Combined Search in Structured and Unstructured Medical Data -- Real-time Collaboration in the Course of Personalized Medicine.

Recent achievements in hardware and software developments have enabled the introduction of a revolutionary technology: in-memory data management. This technology supports the flexible and extremely fast analysis of massive amounts of data, such as diagnoses, therapies, and human genome data. This book shares the latest research results of applying in-memory data management to personalized medicine, changing it from computational possibility to clinical reality. The authors provide details on innovative approaches to enabling the processing, combination, and analysis of relevant data in real-time. The book bridges the gap between medical experts, such as physicians, clinicians, and biological researchers, and technology experts, such as software developers, database specialists, and statisticians. Topics covered in this book include - amongst others - modeling of genome data processing and analysis pipelines, high-throughput data processing, exchange of sensitive data and protection of intellectual property. Beyond that, it shares insights on research prototypes for the analysis of patient cohorts, topology analysis of biological pathways, and combined search in structured and unstructured medical data, and outlines completely new processes that have now become possible due to interactive data analyses.

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