

## **Challenges of disasters in Asia**

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Note sur le contenu : Probabilistic Seismic Hazard Assessment for the Frontal Part of the Mishmi Hills, India and Its Role in Disaster Management Assessment of Desertification and Land Degradation Vulnerability in Humid Tropics and Sub-Tropical Regions of India Using Remote Sensing & GIS Techniques Analysis of Diversified Impact of Covid-19 Pandemic Across the Indian States Spatio-Temporal Analysis of Seasonal Drought Pattern Using Vegetation Condition Index in Latur District Sea

Level Rise and Impact on Moushuni Island of Sundarban Delta (West Bengal) A Geospatial Based Approach Mapping of Affected Areas by Extreme Weather Events in Kanda Tehsil of Bageshwar District by GIS and RS Technique Household Based Approach to Assess the Impact of Riverbank Erosion on Socio-Economic Condition of People: A Case Study of Lower Ganga Plain Landslide Susceptibility Mapping of East Sikkim Employing AHP Method Socio-Environmental Vulnerability of Agriculture Communities to Climate Change in Western Himalaya A Household Level Review Application of Mike 11 for One Dimensional GLOF Modeling of a Rapidly Expanding Dalung Proglacial Lake, Indus River Basin, Western Himalaya Hybrid Tree-based Wetland Vulnerability Modelling Spatio-temporal Analysis of Landuse Landcover Change Using STAR Method in Kolkata Urban Agglomeration Vulnerability Assessment of COVID Epidemic for Management and Strategic Plan A Geospatial Based Solution Auto Generated Gravity Canal Routes for Flood Mitigation and Groundwater Rejuvenation: A study in Damodar - Barakar River Basin, India Assessing the Impact of Disasters and Adaptation Strategies in Sundarban Biosphere Reserve, India: A Household Level Analysis Forest Fires in Tropical Deciduous Forests A Precursor to Anticipatory Adaptation Framework Understanding the Flood Early Warning System, A Case Study of Trans-boundary Water Governance in the Gandak River Basin Adaptation Policy and Community Discourse of Climate Change in the Mountainous Regions of India Analysis of Public Awareness, Health Risks and Coping Strategies against Heat waves in NCT of Delhi, India Community Based Flood Preparedness: A case study of Adayar watershed, Chennai city, Tamil Nadu, India Building Resilience and Management of Vulnerability: Solution for Reduction of Risk of Disasters Employability, A Key to Communitys Socio-economic Malady of Pandemic Proportions Living with Floods: Community Based Coping and Resilience mechanism of Mising/Mishing from Floods - A Study of Majuli District of Assam Assessment of Public Perception on Designing Colombo Municipal Council Area as a Green City Climate Change and Its Impacts assessment through Geospatial technology-A Theoretical Study from Extreme Weather Perspective for Disasters Resilient India Corporate Sector and Disaster Risk Management: A Critical Analysis with Reference to Corporate Social Responsibility Law in India Impact of Training and Awareness Programmes of Community Volunteers in Disaster Risk Reduction and Response- A Study of Srinagar City

Résumé ou extrait : The book provides an understanding about the disaster impacts, vulnerability assessment, adaptation pathways and mitigation for strengthening the resilience of the society to various hazards. Multi- dimensionality of disasters is depicted by various approaches and effective modelling. The book is a synthesis of research papers presented at online International Conference on the theme organized by the Centre for Disaster management, Department of Geography, Jamia Millia Islamia in collaboration with National Institute of Disaster Management and Regional Remote Sensing Centre (North), Indian Space Research Organization (ISRO), New Delhi, India during 02-03 March, 2021. The book has been organized into four parts spreading over 28 chapters. Part I deals with the impact assessment of various disasters. Part II examined ecological and socio-economic vulnerability arising out of the disasters. Part III identifies possible solutions for lessening vulnerability to disasters and effective adaptation strategies. Finally, part IV provides an insight for making the societies resilient to the disasters. The main focus of each chapter was laid implicitly on policy concerns focusing on disaster reduction at spatial scales. The book will immensely be helpful for the researchers, academicians and scientific communities for discussing set of questions necessary for future research. It will attract the attention of functionaries, practitioners, policy makers, training institutes and stakeholders for making appropriate methods of communicating risks and adaptation strategies for disaster management

Sujet - Nom commun : Secours aux victimes de catastrophes -- Asie

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