
International Society for Integrated Disaster Risk Management



IDRiM Newsletter

Issue 3, January 2012



Contents

1. IDRIM NEWS.....	2
2. Other News.....	4
3. Conference Announcements	6
4. Call for Papers	12
5. Internet Resource List.....	14
6. (New) Journals	15
7. New Books	24
8. Miscellaneous.....	33

1. IDRIM NEWS

IDRiM2012 CONFERENCE TO BE HELD IN BEIJING

The third Conference (IDRiM2012) of the International Society for Integrated Disaster Risk Management (IDRiM Society) will be hosted at the Beijing Normal University, China, on 7-9 September, 2012. The conference is co-organized by the Disaster Prevention Research Institute (DPRI) of Kyoto University, and partly supported by the International Institute for Applied Systems Analysis (IIASA), and the Japan Foundation.

The conference theme this year is, "From Surprise to Rationality: Managing unprecedented large-scale disasters". In recent years, a number of exceptionally large-scale disaster events occurred around the world and, despite years of efforts devoted to natural disaster risk reduction, natural disaster events and losses are still increasing. This raised concerns about the effectiveness in traditional approaches to cope with natural disasters. Particularly, the frequent arrival of large-scale disasters (LSD) that exceed local coping capacity urges new paradigms of risk management. The 3rd Conference of the International Society for Integrated Disaster Risk Management aims to promote focused discussion on Integrated Risk Governance issues for large-scale disasters.

Conference topics will include:

- Theory and methodology of Disaster Risk Science
- Recovery and reconstruction from LSDs: experience gained and lessons learned
- The economic impact and financial management of LSDs
- Monitoring, forecasting and early warning of LSDs
- Risk assessment and modeling for LSDs: complexity and uncertainty
- Risk governance: education, communication and collective decision-making
- Urban and other critical infrastructures risk management against LSDs
- Managing unprecedented extreme events in a changing climate: resilience and adaptation
- Conjoint natural and technological (Natech) disasters

The conference will be enriched by keynote presentations, panel discussions and in-depth thematic discussions in special sessions. Furthermore, a platform for young scientist research results in the form of poster presentations will also be arranged. The major outcomes of the conference will be published in conference proceedings, with selected full paper publication in the Journal of Integrated Disaster Risk Management as well as the International Journal of Disaster Risk Science

For more information and updates please visit the official conference website <http://idrim2012.adrem.org.cn> or <http://conference2012.idrim.org>

Invitation of special session proposals

We are very much honored to invite all potential participants to submit special session proposals related to the conference theme and specified topics:

- (1) Theory and methodology of Disaster Risk Science
- (2) Recovery and reconstruction from LSDs: experience learned so far
- (3) The economic impact and financial management of LSDs
- (4) Monitoring, forecasting and early warning of LSDs
- (5) Risk assessment and modeling for LSDs: complexity and uncertainty
- (6) Risk governance: education, communication and collective decision-making
- (7) Urban and critical infrastructures risk management against LSDs
- (8) Managing unexpected extreme events in a changing climate: resilience and adaptation
- (9) Conjoint natural and technological (Natech) disasters

A complete session proposal should provide the following information:

- (1) Session title
- (2) Session type (panel/ parallel)
- (3) Session organizers and contact information (2-3 organizers are expected for each session)
- (4) Potential speakers in the session. We encourage session organizers to invite their desired session participants. Due to time constraints, each session can at most accommodate 5 speakers.
- (5) Abstract within 250 words (equivalent to 1 page in length) describing the aim, scope and the relevance to the overall theme of the conference.

The template for the session proposals can be found under <http://idrim2012.adrem.org.cn/article64.htm> and should be submitted via email to the conference secretary idrim2012@gmail.com. The deadline for submission is 20 February, 2012. Acceptance of proposals will be announced at the end of Feb. If you have any questions about the process, please contact idrim2012@gmail.com for further information.

2. Other News

Voices from the field-Japan Earthquake and Tsunami

Why are we starting these news report series, and to whom are they addressed?

More than six months have passed since the March 11th, 2011's Higashi-Nippon (Eastern Japan) Disaster. For the people who suffered from the disaster triggered by the mega-earthquake and immediately followed by a super huge tsunami, the last six months must have felt like a limitless time of grief, agony and despair. Even in such extremely severe situations, however, there seem to be many common people who never give up, fighting every day with never-ending hardships, not necessarily handling bravely but rather struggling to do so.

Are their voices being heard?

Yes, there are already a lot of voices heard, day by day, and week by week, from the disaster-stricken fields located here and there. The voices talk about their worries and concerns, struggles and challenges, thus groping for a beam of light and hope. Naturally but somewhat regrettably, most of the voices are expressed and conveyed in their mother tongue, Japanese. Here's a large bottleneck of communication.

Are their voices reaching most of you who live outside of the damaged regions, particularly outside of Japan?

If YOUR answer is "No", this news report titled "Voices from the field- Japan Earthquake and Tsunami is just for YOU and anyone like YOU who wishes to gain access to their voices. We assist you by spanning a bridge between the language of Japanese and the global language of English. Perhaps there will be different audiences including you who may wish to read our reports. Some of you may find yourselves somewhat helpless even at this moment, frustrated about the little information available, particularly from the actual fields where people are actually suffering. Perhaps YOU may be also irritated about YOURSELVES for a lack of capacity to extend YOUR support to the people who still suffer. Some may accidentally visit our website first and later will become a frequent visitor, motivated to share more with others our news reports to be released on a regular basis.

Who are manly involved to produce each news report?

This is a new challenge taken by three parties, one group who supplies "fresh contents of "voices from the field "written in Japanese as major news sources, another group who volunteers to translate them into English, and the third group who serves as editors. These three groups are located at distant places, and come from different sectors. They are:

- Disaster relief and response NPOs in Japan represented at this moment by two organizations. One is the Rescue Stockyard (RSY) based in Nagoya, and another the NVNAD based in Nishinomiya, Hyogo. Behind them are actual real fields and people who are suffering in the Northeastern Japan.

-
- The Special Task Force of Global Toyonaka, an international exchange and communication support NPO based in Toyonaka, Osaka.
 - The Society for Integrated Disaster Risk Management (IDRiM Society) who has its secretarial base in Uji, Kyoto, Japan.

In addition to these three parties, we also depend on the forth party, who is YOU and other anonymous audiences around the world. This is, therefore, a kind of social innovation to test and continue at least a year. We wish to see if such a trilateral remote collaboration may eventually tap the undercurrent of global movements expected to promote the formation of synergetic linkages between people in the disaster fields and those who live remote but wish to reach them for any possible support. It is also a challenge to mobilize unused talents and resources owned by each party, together with good will mutually shared. Thus it enables all concerned to become more communicative and imaginative about those suffer at remote places. Thus we all learn from the disaster.

For this purpose “Voices from the field” have to be made reachable to the global community including YOU.

“Registered Monitors” are also welcome

Though common audiences are supposed to be anonymous, we also welcome some of you to volunteer to serve as a Registered Monitor (RM). To become a RM and the major role of RM is very simple and not much. To register as a member of the RM list. The RM list requires the full names of yours, nationality, and your contact email address. (If you agree, some other information such as gender, profession and/or interest.) The RM list is maintained by the Secretariat of the Voices from the Field-Japan Earthquake and Tsunami (VfF-JET) and not made open to other RMs, unless it is agreed to do so.

To serve as a RM, you are contacted by our VfF-JET, every month if you have any questions, suggestions or advice so that our service become more improved. Of course this is totally based on your will to do so.

As a RM, you are kindly requested to help us disseminate among others who are not aware of this service. You are also encouraged to raise any questions or clarifications related to translations, cultural backgrounds, related activities not mentioned or not well explained, etc. Moreover such offers as voluntary re-editing works in English are certainly very much welcome.

Please visit the “Voices from the Fields” website at:

<http://voicefromfield.com/moodle/>

3. Conference Announcements

- **2 - 4 July, 2012**

1st International Conference on Environmental and Economic Impact on Sustainable Development

The 1st International Conference on Environmental Impact and Development originated from the need to provide an inter-disciplinary forum where the most serious problems affecting sustainable development can be discussed. The basic premise is that development projects need to consider the most pressing issues related to environmental impacts in order to provide complete solutions. The current emphasis on sustainable development is a consequence of the general awareness of the need to solve numerous environmental problems resulting from our modern society. This has resulted in the need to assess the impact of economic investments on the environment. The topic of investment assessment and environmental economics needs to be discussed in an integrated way, in accordance with the principles of sustainability, considering the social and environmental aspects of new investments, as well as possible environmental damage. The roots of financial development are financial growth, which in conventional terms requires an increase in production and the use of more resources. Their overuse can result in the destruction of natural resources and larger releases of waste and pollution into the environment. The conference will address issues related to environmental toxicology and hazardous waste. With large numbers of new chemicals entering the market each year, it has become necessary to assess their effects on ecosystems as well as minimise their impact on the environment. There is a growing need for techniques and practices to minimize the environmental effects of chemicals, and for the implementation of the corresponding principles in the planning of environmental policy and decisionmaking. It is also necessary to understand the economic impact of toxic products on the environment. The conference will also examine issues related to whether development enterprises are compatible with environmental protection, dealing in particular with cases of possible severe contamination and toxicity. The problem of what to do with the existing contaminated sites or brownfields is dealt with in detail, drawing from existing experience. The most important motivation for the conference is to learn from past failures, to not repeat the same mistakes while attempting to prevent emerging threats to the environment and ecological systems.

Website: <http://www.wessex.ac.uk/12-conferences/Environmental-Impact-2012.html>

- **26 -30 August, 2012**

- 4th International Disaster and Risk Conference IDRC Davos 2012

- After three successful IDRC Davos conferences the GRF Davos team is already in the preparation for IDRC Davos 2012, which will take place from 26 to 30 August 2012 in Davos, Switzerland. Risks in a changing and global world are complex and interconnected, even more so in a globalized world consisting of many societies at very different levels of development. The frequency and severity of natural disasters have increased markedly worldwide. Economic losses associated with natural hazards are increasing exponentially in developing countries, where local risk-transfer markets are generally weak. Promoting integrative risk management is more than ever a pressing issue. At IDRC Davos 2012 a multi- and interdisciplinary group of stakeholders will discuss new findings and exchange experiences about the broad spectrum of risks societies are facing today in plenary and parallel sessions, workshops and training courses, and poster exhibitions.

- Website: <http://www.idrc.info/>

- **7-9 September, 2012:**

- Third Conference of the International Society for Integrated Disaster Risk Management: From Surprise to Rationality: Managing Unprecedented Large-scale Disasters

- The Third Conference of the International Society for Integrated Disaster Risk Management (IDRiM Society) will be held at Beijing Normal University (BNU) in Beijing, China, on Sept. 7-9, 2012. The Theme of the conference is “From surprise to rationality: Managing unprecedented large-scale disasters”. In recent years, there have been increasing number of large-scale disasters (LSDs) occurring around the world, among which there have been some of the worst cases ever in history, e.g. the “3.11” Tohoku earthquake in Japan. The fact of rising numbers of major natural disasters and increasing losses claimed despite of years of efforts devoted to natural disaster risk reduction has resulted in wide concern about the traditional approaches of coping with natural disasters. Particularly, the frequent arrival of large-scale disasters that exceed local coping capacity urges new paradigms of risk management. The 3rd Conference of the International Society for Integrated Disaster Risk Management aims to promote focused discussion on the Integrated Risk Governance issues for large-scale disasters. Researchers in the field of disaster risk research are invited to gather in Beijing from developed countries from North America, Europe and East Asia, and from developing countries from Asia, Africa and South America. They shall spend 3 days in intensive discussion on the scientific, technical, economic, financial, and educational issues regarding large-scale disasters. The ultimate purpose is to find new approaches to coping with natural disasters, further filling the gap between science and implementation, and enhancing collective decision-making. Contributions on the following conference topics are encouraged: Theory and methodology of Disaster Risk Science, Recovery and reconstruction from LSDs: experience gained and lessons learned, The economic impact and

financial management of LSDs, Monitoring, forecasting and early warning of LSDs, Risk assessment and modeling for LSDs: complexity and uncertainty, Risk governance: education, communication and collective decision-making, Urban and other critical infrastructures risk management against LSDs, Managing unprecedented extreme events in a changing climate: resilience and adaptation, Conjoint natural and technological (Natech) disasters. The conference will be enriched by keynote presentations, thoughtful panel discussions and in-depth thematic discussions in special sessions. A young scientist session (Y.S.S.) in the form of poster presentations will also be arranged to encourage young researchers in the field of integrated disaster research.

Website: <http://idrim2012.adrem.org.cn/home.htm>

- **19 - 21 September, 2012**

8th International Conference on Simulation in Risk Analysis and Hazard Mitigation

Risk Analysis 2012 is the eighth international conference on computer simulation in risk analysis and hazard mitigation. Covering a series of important topics of current research interest and with many practical applications, the conference is concerned with all aspects of risk analysis and hazard mitigation, associated with both natural and anthropogenic hazards. The analysis and management of risk and the mitigation of hazards is of fundamental importance to planners and researchers around the world. We live in an increasingly complex society with the potential for disasters on a worldwide scale. Scientific knowledge is essential to our better understanding of risk. Natural hazards such as floods, earthquakes, landslides, fires and others have always affected human societies. Man-made hazards, however, played a comparatively small role until the industrial revolution when the risk of catastrophic events started to increase due to the rapid growth of new technologies. The interaction of natural and anthropogenic risks adds to the complexity of the problem. Advances in computational methods and the ability to model systems more precisely now enables hazards to be quantified, their effects to be simulated and risk analysis to be pursued with greater accuracy, providing more effective risk management. These developments are important for all areas of human endeavour and have particular relevance to environmental issues where the risks involved are substantial. Effective risk management and the mitigation of possible hazards have become a high priority of government and a public concern.

Website: <http://www.wessex.ac.uk/12-conferences/risk-analysis-2012.html>

- **5-6 October, 2012:**

Conference on the Human Dimensions of Global Environmental Change:
Evidence for Sustainable Development

From climate change to stock market crashes, societies are increasingly confronted with complex, interconnected economic, social and environmental problems. Public and private decisions to meet these challenges affect future generations and – in a globalized world – oftentimes impact on societies abroad. Sustainable development has to take into account these complex, long term and side effects. This is why the evidence base of decision making is of growing importance. Many countries have established institutions such as advisory councils, assessment procedures, evaluation clauses etc., and initiated research programmes to collect evidence and to assess policies regarding their impacts on the various dimensions of sustainable development. This is meant to take possible side effects into account, thereby improving the quality of decision making and contributing to sustainable development. While there has been a strengthening of political commitment to improve the evidence base of public policy, these expectations are often not met in practice. The provision of evidence and knowledge is obviously not a sufficient condition to change policies or behaviour. To be taken into consideration, scientific evidence has to be perceived as relevant and timely. However, there exists neither a single decision maker nor a uniform science: Policy making is a process with many actors and interests involved. Scientific evidence is constantly challenged by competing theories and methods. In such ambiguous situations, problems and policies to address these problems are constantly challenged, reframed and reconsidered. Scientific evidence is used to support political arguments and to legitimize a course of action, but it is also frequently disregarded, side-lined or even discredited if it challenges established practices and vested interests. A direct impact of scientific evidence on political decisions is apparently rare. In many cases, research has a much more indirect and unintended impact on policy through conceptual use, knowledge creep, and ideas that enable policy makers to gradually revise their framings of the policy problem. In such situations, many scientists experience their involvement in the support of decision making as frustrating. Policy makers and society in turn perceive science as a chorus of often contradicting voices, not useful to base decisions on. Against this background, the conference will cover two issues: How can the research process be organised to develop evidence that is considered relevant and timely in the political process to meet the challenges of sustainable development? How can the policy-science interface be organised in a way that such scientific evidence is taken into consideration? The conference aims to bring together scholars from different disciplines and strands of research that produce evidence to support decision making for sustainable development, and those that study the use and application of such evidence. Furthermore, we invite policy makers and practitioners working at the science-policy-interface or dealing with issues of evidence use in policy making to share their experiences.

Website: <http://www.berlinconference.org/2012/>

- **10-12 October, 2012**

Conference hosted by the African Centre for Disaster Studies. Uniting Theory and Practice in Southern Africa. (including Call for Papers)

The African Centre for Disaster Studies at North-West University would like to welcome disaster reduction academics, researchers, practitioners and post-graduate students to the first biennial disaster risk reduction conference of the Southern Africa Society for Disaster Reduction. The conference will take place from 10-12 October 2012 in the beautiful student town of Potchefstroom, North-West Province in South Africa. Potchefstroom, and in particular the North-West University's Sports Village was the base camp of the FIFA Soccer World Cup 2010 champions, Spain! Although the conference has a regional flavour, participants from all regions of the globe are welcome to present papers and/or attend the conference. The conference will be the ideal opportunity for international networking and the sharing of ideas, best practices and leading research in the field of disaster reduction. Aim of the Conference The aim of the conference is threefold. The ACDS will be turning 10 years in 2012 and this 1st International Conference on Disaster Risk Reduction will be held to celebrate the 10 years. Secondly, the aim of the conference is to provide a platform for the presentation, discussion and debate of different academic and professional approaches and research on disaster risk reduction issues. Thirdly, the ACDS plan to establish and launch a disaster risk reduction society for the Southern Africa (SADC region) during the conference. The aim of the society is to bring together practitioners/NGOs in the various fields of DRR and the academic/research domain, and to provide a platform to share knowledge and good practices, engage in mentorships and internships, influence policy and advocacy in the SADC region. Academic and research papers, practitioner reports/ field observations as well as Ph.D. research papers (based on a current Ph.D. title) will be presented. To facilitate a broad disaster risk reduction focus, the papers will cover the following themes: Governance of disaster risk reduction, Urban dimensions of risk; Water as disaster risk; Disaster risk and gender issues; Climate change adaptation; Geo-spatial applications for disaster risk reduction; Risk assessment and early warning; New humanitarian challenges; Disaster response and recovery.

Website: <http://acds.co.za/index.php?page=conf2012>

- **20-22 November, 2012:**

The 2nd European Conference on Floodrisk Management: Science, Policy and Practice: Closing the Gap

Floods cause distress and damage wherever they happen and flooding from rivers, estuaries and the sea threatens many millions of people in Europe. Insurance losses from flooding have increased significantly since 1990 and flood management in Europe is changing with a move from flood protection and defence to comprehensive flood risk management. FLOODrisk 2012 will explore

research advances in flood risk analysis and innovations in flood risk management practice. The conference will consider all aspects of flood risk and will cover the causes of floods, their impacts on people, property and the environment, and portfolios of risk management measures. FLOOD*risk* 2012 is also supported by the Flood Risk Management Research Consortium.

Website: <http://www.floodrisk2012.net/index.asp>

- **11-14 December, 2012**

Extreme Natural Hazards and Their Impacts.

GeoRisk commission has proposed to organize its First Conference at Chapman University during December 11-14, 2012. It is proposed to invite scientists from developing countries and countries which are most vulnerable to various types of natural hazards or faced extreme events in recent years. Oral and Poster papers on various aspects of natural hazards will be presented in four days conference. The proposed conference will help scientists to exchange scientific knowledge about different natural hazards which are occurring different parts of the world with different geological and geophysical environment. Some of Major Recent Earthquake and Tsunami events. Topics include: Recent Volcanic events, Connection between Extreme Climate and Natural Hazards, Early Warning of Natural Hazards, Recent Satellite sensors for Monitoring Natural Hazards, Disasters Management in Developing Countries, Natural Hazards and Infrastructures, Natural Hazards Mitigations

Website: <http://www1.chapman.edu/~rsingh/GeoRisk2012/sessions.htm>

4. Call for Papers

- **International Journal of Integrated Disaster Risk Management:** A call for papers for the IDRIIM Society's new International Journal of Integrated Disaster Risk Management is now open. Papers should be submitted electronically via the online Editorial Management System at

<http://idrimjournal.com/index.php/idrim>

- **Special Issue "Risk Management: Challenges Responses to Climate Change": A special issue of *Challenges* (ISSN 2078-1547)**

Within minutes of the March 2011 earthquake in Japan, news media provided unprecedented coverage of an unfolding natural catastrophe. Events such as this place natural disasters firmly in the public eye but only for a short time. It falls to the research community to learn the lessons offered by these events and turn them into opportunities for developing more effective risk management and mitigation strategies and identifying the factors that contribute to the vulnerability and resilience of communities and response and recovery agencies. Disasters such as the Japanese tsunami also highlight the ever-present need for systematic, rigorous research into the risk posed by natural hazards and how these risks can be managed. Of course it is vital to ensure that the findings from such research endeavours are disseminated to those who can use the findings. This means that journals that disseminate these lessons are important resilience and adaptive resources for all those involved in risk and disaster management. Journals such as *Challenges* provide outlets for scholarly and professional debate on the causes and consequences of disasters and how their effects may be mitigated and managed. This special edition of *Challenges* will give voice to research into the causes of human and societal losses and ensure that the lessons learned from such disasters can be readily disseminated to the humanitarian, academic and political arenas where that knowledge can provide the evidence base necessary to inform effective risk management intervention.

http://www.mdpi.com/journal/challenges/special_issues/challenges_responses/

- **Special Issue: Risk Reduction and Extreme Events. The Geneva Papers on Risk and Insurance – Issues and Practice.**

The World Bank Disaster Risk Financing and Insurance (DRFI) Program and the Geneva Association invite you to submit contributions to a special issue of *The Geneva Papers on Risk and Insurance - Issues and Practice* on "Risk Reduction and Extreme Events," guest edited by the World Bank DRFI Program. The special issue on "Risk Reduction and Extreme Events" will be the July 2013



edition. We encourage both practitioners and academics to submit contributions related to the following areas: "Development of disaster risk information systems (e.g., hazard and vulnerability databases, risk modeling and mapping, etc.) at sub-national, national, and regional levels and their application for improving mitigation and preparedness efforts, including financial preparedness. "Policy strategies for risk mitigation and preparedness (including financial preparedness) for extreme events, such as economic and legal rationales for these policies and their efficacy and enforceability at different levels of governance. "Implementation of risk mitigation and preparedness (including financial preparedness) strategies for developing and developed countries, including regional approaches."The role of risk financing and insurance strategies and instruments in disaster risk reduction, including issues of insurability, incentives promoting or detracting risk reduction, cost efficiency, and public and private roles and responsibilities. "Comparison of costs and benefits of different disaster risk financing and insurance instruments, including cost efficiency, time efficiency for payout following a disaster, indemnification of expected losses, etc. "Disaster risk management: comparison of roles and responsibilities of different international institutions, public, private, and nongovernmental. Suggestions for other topics will be considered by the editors. All contributions will go through a refereeing process. The deadline for submissions is November 1, 2012. Papers should be submitted electronically via the website of The Geneva Papers

<http://gpp.msubmit.net/cgi-bin/main.plex>

5. Internet Resource List

- Disaster Reduction Hyper base: Web based facility to compile appropriate disaster reduction technologies and knowledge.
Website:
<http://drh.edm.bosai.go.jp/>
- MCEER: Collection of disaster management resources, including international, federal, state, local and non-profit organizations:
Website:
http://mceer.buffalo.edu/infoservice/reference_services/disasterManagementResources.asp
- Staffordshire Raynet: Disaster and Emergency Management on the Internet. Long list of websites for various disasters and databases.
Website:
<http://www.keele.ac.uk/depts/por/disaster.htm>
- Internet Resources for Disaster Studies: University of Delaware Library
Website:
<http://www2.lib.udel.edu/subj/disasters/internet.htm>
- FEMA" Federal Emergency Management Agency: Focus is on the US
Website:
<http://www.fema.gov/index.shtm>
- Disaster Handbook: University of Florida.
Website:
<http://disaster.ifas.ufl.edu/links.htm>
- Disaster Management: Royal Roads University.
Website:
<http://libguides.royalroads.ca/content.php?pid=64941&sid=480216>
- Natural Hazards and Disaster Information Resources: University of Colorado at Boulder (including newsletter).
Website:
<http://www.colorado.edu/hazards/resources/>

6. (New) Journals

- **International Journal of Disaster Risk Reduction**

- **Objective:** The International Journal of Disaster Risk Reduction (IJDRR) is the journal for researchers, policymakers and practitioners across diverse disciplines: Earth Sciences in its entirety; Environmental Sciences; Civil Engineering; Urban Studies; Geography; and Sociology. The International Journal of Disaster Risk Reduction (IJDRR) publishes fundamental and applied research, critical reviews, policy papers and case studies focusing on multidisciplinary research aiming to reduce the impact of natural and technological disasters. The International Journal of Disaster Risk Reduction (IJDRR) stimulates exchange of ideas and knowledge transfer on disaster research, mitigation and risk reduction at all geographic scales: local, national and international. Key topics: Multifaceted disaster and cascade disasters . The spatial and temporal monitoring, analysis and zoning of regional hazard risk. The development of disaster risk reduction strategies and techniques. Discussion and development of effective warning and educational systems for risk resilience at all levels. Climate Change and its implications in sudden disasters . The journal particularly encourages papers which approach risk from a multidisciplinary perspective.
- **Website:**
http://www.elsevier.com/wps/find/journaldescription.cws_home/727506/description#description

- **Journal of Integrated Disaster Risk Management, IDRIM Journal:**

- **Objective:** The main objective of IDRiM is to provide an integrated and implementable approach to the growing demand for disaster risk reduction and management by offering reliable, affordable and effective solutions for minimizing the loss of life, property damage, and social and economic disruption. IDRiM also explores implementation science for disaster reduction. IDRiM intends to provide a set of solutions for the all types of: environmental and natural hazards (earthquakes, flood, drought, windstorms, landslides, etc.) and man-made hazards. It also includes the development of methods and tools for modeling and assessment of disaster risks, hazard zonation and hazard mapping; geotechnical zonation, vulnerability analysis, strengthening design of structures, disaster risk evaluation and mapping; and various types of risk management methods such as innovative risk transfer, risk reduction policy; socio-economic studies, human and economic loss estimation, practical loss-control measures,

catastrophic risk insurance, public awareness, programming; and solutions for risk reduction in buildings, lifelines, infrastructures, industry, oil-chemical facilities, offshore structures and urban system. IDRiM also covers the governance of disaster risks, design of institutional schemes, participatory approach, etc.

- **Website:** <http://idrimjournal.com/index.php/idrim>

- **Georisk: Assessment and Management of Risk for Engineered Systems and Geohazards:**

- **Objective:** Georisk covers many diversified but interlinked areas of active research and practice, such as geohazards (earthquakes, landslides, avalanches, rockfalls, tsunamis, etc.), safety of engineered systems (dams, buildings, offshore structures, lifelines, etc.), environmental risk, seismic risk, reliability-based design and code calibration, geostatistics, decision analyses, structural reliability, maintenance and life cycle performance, risk and vulnerability, hazard mapping, loss assessment (economic, social, environmental, etc.), GIS databases, remote sensing, and many other related disciplines. The underlying theme is that uncertainties associated with geomaterials (soils, rocks), geologic processes, and possible subsequent treatments, are usually large and complex and these uncertainties play an indispensable role in the risk assessment and management of engineered and natural systems. Significant theoretical and practical challenges remain on quantifying these uncertainties and developing defensible risk management methodologies that are acceptable to decision makers and stakeholders. All published research articles in this journal have undergone rigorous peer review, based on initial editor screening and anonymous refereeing by independent expert referees.
- **Website:** <http://www.tandf.co.uk/journals/journal.asp?issn=17499518&linktype=1>

- **Current Opinion in Environmental Sustainability:**

- **Objective:** The Current Opinion journals were developed out of the recognition that it is increasingly difficult for specialists to keep up to date with the expanding volume of information published in their subject. In Current Opinion in Environmental Sustainability, we help the reader by providing in a systematic manner: 1. The views of experts on current advances in environmental sustainability in a clear and readable form. 2. Evaluations of the most interesting papers, annotated by experts, from the great wealth of original publications. Current Opinion in Environmental Sustainability aims to address all the

economic, social, technological and institutional aspects related to the challenge of environmental sustainability by focussing on integration across academic disciplines and insights with implications for societal practices and processes. Current Opinion in Environmental Sustainability aims to stimulate scientifically grounded, interdisciplinary, multi-scale debate and exchange of ideas. It will contain polished, concise and timely reviews and opinions. Current Opinion in Environmental Sustainability(COSUST) will serve as an invaluable source of information for researchers, lecturers, teachers, professionals, policy makers and students.

The subject of environmental sustainability is divided into 6 themed sections, each of which is reviewed once a year: (1) Climate (covering climate change, climate risk management, and adaptation) (2) Human settlements and habitat (covering cities, urbanization, transport) (3) Energy systems (covering renewable energy, energy efficiency, bioenergy) (4) Terrestrials systems (food systems, biodiversity, and ecosystem services) (5) Carbon and Nitrogen cycles (6) Aquatic systems (covering marine and fresh water, isheries, currents, etc.) The common denominators across these sections, to assure a cross cutting approach are: (a) interdisciplinary and transdisciplinary; (b) quantitative; (c) multi-scale (regional vs. global; space vs. time); (d) focus on integrated assessment; (e) governance, ethics, behaviour, education, and policy tools..

- **Website:**http://www.elsevier.com/wps/find/journaldescription.cws_home/718675/description#description

- **International Journal of Risk Management (IJRM):**

- **Objective:** The International Journal of Risk Management (IJRM) is a refereed international journal whose focus is on exchanging information on risk related theory and its applications, including project risk management, supply chain risk management, risk attitude and behavior, and risk management in finance, accounting, engineering, marketing, auditing, law, procurement and contracting, business and economics, etc. The objective is to provide an international forum for researchers and practitioners across the many relevant disciplines and industries to discuss some related problems and learn from each other's work. The readership includes professionals, academics, researchers, and managers.
- **Website:** <http://www.serialspublications.com/journals1.asp?jid=583>

- **International Journal of Safety and Security Engineering:**

-
- **Objective:** The International Journal of Safety and Security Engineering aims to provide a forum for publication of papers on the most recent developments in the theoretical and practical aspects of these important fields. Safety and Security Engineering, due to its special nature, is an interdisciplinary area of research and applications that brings together in a systematic way many disciplines of engineering, from the traditional to the most technologically advanced. The Journal covers areas such as crisis management; security engineering; natural disasters and emergencies; terrorism; IT security; man-made hazards; risk management; control; protection and mitigation issues. The Journal aims to attract papers in all related fields, in addition to those listed under the List of Topics, as well as case studies describing practical experiences. The study of multifactor risk impact will be given special emphasis. Due to the multitude and variety of topics included, the List is only indicative of the themes of the expected papers. Authors are encouraged to submit papers in all areas of Safety and Security, with particular attention to integrated and interdisciplinary aspects.
 - **Website:** <http://journals.witpress.com/jsse.asp>

- **Global Environmental Change:**

- **Objective:** *Global Environmental Change: Human and Policy Dimensions* is an international, interdisciplinary journal spanning the social and natural sciences. It publishes high-quality original theoretical and applied research and review articles across the entire field of global environmental change. Areas include biodiversity and ecosystem services, water resources, climate change, international agreements, North-South relations, land use and cover change, institutions and governance. The journal interprets global environmental change to mean the outcome of processes that are manifest in localities, but with consequences at multiple spatial, temporal and socio-political scales. The journal addresses issues of public policy, economics, equity, risk, and resilience, science policy, international development, and health and well-being.
- **Website:** http://www.elsevier.com/wps/find/journaldescription.cws_home/30425/description#description

- **Journal of Homeland Security and Emergency Management:**

-
- 
- **Objective:** JHSEM is the primary source of new, peer-reviewed research and information in the fields of homeland security and emergency management. JHSEM features original, innovative, and timely articles and other information on research and practice from a broad array of professions including: emergency management, engineering, political science, public policy, decision science, and health and medicine. The electronic nature of the journal allows timeliness and responsiveness unparalleled among academic publications. JHSEM publishes peer-reviewed articles, news and communiqués from researchers and practitioners, and book/media reviews. The lead editor is Irmak Renda-Tanali at the Graduate School of Management & Technology, University of Maryland University College; Maryland. Authors have included prominent researchers from the Centers for Disease Control and Prevention, Harvard University, Carnegie Mellon University, the Environmental Protection Agency, George Mason University, George Washington University, RAND, and Vanderbilt University.
 - **Website:** <http://www.bepress.com/jhsem/about.html>

- **Journal of Emergency Management:**

- **Objective:** *Journal of Emergency Management* is a professional, bi-monthly journal with a simple but urgent goal: to better equip all those responsible for emergency preparedness and response to deal effectively with everything from acts of terror, fires, floods, and weather emergencies to gas explosions and catastrophic accidents on land, in the air, or at sea. With a well-focused game plan carried out by an unbeatable team of emergency preparedness and response experts, *Journal of Emergency Management* is already being hailed as long overdue and a "must have" for anyone responsible for the safety and well-being of both personnel and property. With each issue of *Journal of Emergency Management* look for in-depth articles on topics as wide ranging as: Meeting the challenge of the shadowy world of terrorism, Emergency response and disaster management, Severe weather, flood and hurricane case studies, Emergency preparedness and response legislation, Public buildings recovery planning, Information analysis and infrastructure protection, Evacuation procedures for the visually impaired, Emergency wireless messaging
- **Website:** <http://www.pnpco.com/pn06001.html>

- **International Journal of Disaster Resilience in the Built Environment:**

-
- 
- **Objective:** *The International journal of Disaster Resilience in the Built Environment* aims at developing the skills and knowledge of the built environment professions and will strengthen their capacity in strategic and practical aspects of disaster prevention, mitigation, response and reconstruction to mitigate the effects of disasters nationally and internationally. The journal publishes original and refereed material that contributes to the advancement of the research and practice and provides contributing authors with an opportunity to disseminate their research and experience to a broad audience. *International journal of Disaster Resilience in the Built Environment* promotes research and scholarly activity that examines the role of building and construction to anticipate and respond to unexpected events that damage or destroy the built environment (for example, an infrastructure project – from earthquakes, flooding and climate change to terrorist attacks) and reflects construction's ongoing responsibility toward built environment's users. Accordingly, the journal is designed for researchers and academics, policy makers and other professionals working with, or who anticipate having, disaster prevention, mitigation, response and reconstruction responsibilities, and who wish to improve their working knowledge of both theory and practice. The journal focuses on basic and applied research, practical developments, case studies, editorials, book reviews, information on forthcoming events in the field, and field reports. In keeping with the journal's international scope, articles are particularly welcome with details of: overall leadership in research, education, planning, design and implementation for infrastructure renewal and reconstruction projects in developing countries; and, details of innovative and socially responsible projects inspired via internal synergies that lead to rapid development and improved quality of life. *International journal of Disaster Resilience in the Built Environment* helps to communicate new practical ideas, applications and development details of education and training, and thus build capacity for self-sufficiency. The journal reports research that assists capacity-building for reconstruction, renewal and development of sustainable infrastructure, supports proactive and fruitful collaborations and networking among various stakeholders, and helps develop appropriate policy development and plans for implementation. Regular special issues on a range of multidisciplinary subjects keeps readers abreast of topical subjects.
 - **Website:**<http://www.emeraldinsight.com/products/journals/journals.htm?id=IJDRBE>

- **Regional Environmental Change:**

-
- 
- **Objective:** Environmental changes of many kinds are accelerating worldwide, posing significant challenges for humanity. Solutions are needed at the regional level, where physical features of the landscape, biological systems, and human institutions interact. The goal of *Regional Environmental Change* is to publish scientific research and opinion papers that improve our understanding of the extent of these changes, their causes, their impacts on people, and the options for society to respond. "Regional" refers to the full range of scales between local and global, including regions defined by natural criteria, such as watersheds and ecosystems, and those defined by human activities, such as urban areas and their hinterlands. We encourage submissions on interdisciplinary research across the natural sciences, social sciences and humanities, and on more focused studies that contribute towards the solutions to complex environmental problems. Topics addressed include (i) the regional manifestations of global change, especially the vulnerability of regions and sectors; (ii) the adaptation of social-ecological systems to environmental change in the context of sustainable development; and (iii) trans-boundary and cross-jurisdictional issues, legislative and governance frameworks, and the broad range of policy and management issues associated with building, maintaining and restoring robust social-ecological systems at regional scales. The primary format of contributions are research articles, presenting new evidence from analyses of empirical data or else more theoretical investigations of regional environmental change. In addition to research articles, we also publish editorials, short communications, invited mini-reviews on topics of strong current interest, as well as special features that provide multifaceted discussion of complex topics or particular regions.
 - **Website:** <http://www.springer.com/environment/global+change+-climate+change/journal/10113>

- **Natural Hazards Review:**

- **Objective:** The *Natural Hazards Review* stands on the realization that natural disaster losses result from interactions between the physical world, the constructed environment, and the character of the societies and people who occupy them. The journal is dedicated to bringing together the physical, social, and behavioral sciences; engineering; and the regulatory and policy environments to provide a forum for cutting edge, holistic, and cross-disciplinary approaches to natural hazards loss and cost reduction. The journal offers a means for researchers and practitioners working together to publish the results of truly interdisciplinary and partnered approaches to loss reduction and long-term disaster resiliency. Engineering topics covered include the

characterization of hazard forces and the planning, design, construction, maintenance, performance and use of structures in the physical environment. Social and behavioral sciences topics addressed include a range of issues related to hazard mitigation and human response as well as significant issues related to the built environment such as land use, building standards, and the role of financial markets and insurance. The specific physical science topics covered include those pertinent to understanding the hazardous character of the world and the performance of the structures that we build to accommodate our way of life. More importantly, the journal features papers co-authored by people from a variety of specializations who bring a cross-disciplinary perspective to the complex factors that contribute to disasters in today's-and especially tomorrow's-world.

- **Website:** <http://ascelibrary.org/nho/>

Address list of already listed journals in back issues:

- **International Journal of Climate Change Strategies and Management (IJCCSM):**
www.emeraldinsight.com/products/journals/journals.htm?id=ijccsm
- **Journal of Natural Disaster Science:**
<http://wwwsoc.nii.ac.jp/jsnds/contents/jnds/about.html>
- **Disasters:**
<http://www.wiley.com/bw/journal.asp?ref=0361-3666&site=1>
- **Environmental Hazards:** <http://www.earthscan.co.uk/?tabid=37213>
- **Natural Hazards:**
www.springer.com/earth+sciences+and+geography/hydrogeology/journal/11069
- **Mitigation and Adaptation Strategies for Global Environmental Change**
<http://www.springer.com/earth+sciences+and+geography/meteorology+%26+climatology/journal/11027>
- **Extremes**
<http://www.springer.com/statistics/journal/10687>
- **International Journal of Disaster Resilience in the Built Environment**
<http://www.disaster-resilience.salford.ac.uk/international-journal-of-disaster-resilience>
- **Journal of Disaster Research**
http://www.fujipress.jp/JDR/JDR_about.html

-
- **Asian Journal of Environment and Disaster Management (AJEDM)**
<http://rpsonline.com.sg/journals/101-ajedm/ajedm.html>
 - **International Journal of Disaster Risk Science**
<http://www.ijdrs.org>
 - **Disaster Advances**
<http://www.disasterjournal.net/>
 - **International Journal of Mass Emergencies & Disasters**
<http://www.ijmed.org/>
 - **International Journal of Disaster Recovery and Business Continuity**
<http://www.sersc.org/journals/IJDRBC/>
 - **Disaster Prevention and Management**
<http://www.emeraldinsight.com/products/journals/journals.htm?id=dpm>
 - **Risk Analysis**
<http://www.blackwellpublishing.com/journal.asp?ref=0272-4332&site=1>
 - **Journal of Risk Research**
<http://www.tandf.co.uk/journals/journal.asp?issn=13669877&linktype=1>
 - **International Journal of Risk Assessment and Management (IJRAM)**
<http://www.inderscience.com/browse/index.php?journalID=24>

7. New Books

Handbook of Hazards and Disaster Risk Reduction

Authors: Ben Wisner, JC. Gaillard, and Ilan Kelman (Editors)

Year: 2012

Publisher: Routledge

ISBN: 0415590655

Content: The Handbook provides a comprehensive statement and reference point for hazard and disaster research, policy making, and practice in an international and multi-disciplinary context. It offers critical reviews and appraisals of current state of the art and future development of conceptual, theoretical and practical approaches as well as empirical knowledge and available tools. Organized into five inter-related sections, this Handbook contains sixty-five contributions from leading scholars. Section one situates hazards and disasters in their broad political, cultural, economic, and environmental context. Section two contains treatments of potentially damaging natural events/phenomena organized by major earth system. Section three critically reviews progress in responding to disasters including warning, relief and recovery. Section four addresses mitigation of potential loss and prevention of disasters under two sub-headings: governance, advocacy and self-help, and communication and participation. Section five ends with a concluding chapter by the editors. The engaging international contributions reflect upon the politics and policy of how we think about and practice applied hazard research and disaster risk reduction. This Handbook provides a wealth of interdisciplinary information and will appeal to students and practitioners interested in Geography, Environment Studies and Development Studies.

Can be found under <http://www.routledge.com/books/details/9780415590655/> . If you enter the code ERJ67 you receive a 20% discount.

Encyclopedia of Natural hazards (Encyclopedia of Earth Sciences Series)

Authors : Peter Bobrowsky (Editor)

Year: 2012

Publisher: Springer

ISBN: 9400702639

Content: Few subjects have caught the attention of the entire world as much as those dealing with natural hazards. The human losses (some 225,000 people) associated with the 2004 Indian Ocean earthquake and tsunami, the economic costs (exceeding 100 billion USD) of Hurricane Katrina in 2005, the collective social impacts of tragedies experienced during the 2008 Sichuan, China earthquake and landslides, all provide repetitive reminders that we are all but temporary guests occupying a very dynamic planet. Few subjects share the true interdisciplinary dependency that characterizes the field of natural hazards. From geology and geophysics, to engineering and emergency response, to social psychology and economics, the study of natural hazards draws input from an

impressive suite of unique and previously independent specializations. Natural hazards provide a common platform to reduce disciplinary boundaries and facilitate a beneficial synergy in the provision of timely and useful information on the critical subject matter. As social norms change regarding the concept of acceptable risk and human migration leads to an explosion in the number of megacities, coastal over-crowding and unmanaged habitation in precarious environments such as mountainous slopes, the vulnerability of people to natural hazards increases dramatically. Coupled with the concerns of changing climates, the subject of natural hazards remains on the forefront of issues that affect all people, nations and environments. In the first two months of 2010 alone a magnitude 7 earthquake near Port au Prince, Haiti killed an estimated 230,000 people, exposed the inadequacies of their infrastructure and emergency response capacity and virtually crippled an entire nation; whereas in contrast a month later a significantly larger magnitude 8.8 earthquake off the coast of Chile provided a sober lesson that those areas with a long history of exposure to natural hazards are indeed much more capable to cope with the consequences of unexpected events. The Encyclopedia of Natural Hazards effectively captures and integrates contributions from an international portfolio of specialists whose range of expertise address some 330 topics pertinent to the field of natural hazards. Disciplinary barriers are overcome in this comprehensive treatment of the subject matter. Clear illustrations and colour images enhance the primary aim to communicate and educate. The inclusion of a series of “classic case study” events interspersed throughout the volume provides tangible examples linking concepts, issues and solutions.

Extreme Environmental Events: Complexity in Forecasting and Early Warning

Authors : Robert A. Meyers (Editor)

Year: 2011

Publisher: Springer

ISBN: 978-1441976963

Content: *Extreme Environmental Events* is an authoritative single source for understanding and applying the basic tenets of complexity and systems theory, as well as the tools and measures for analyzing complex systems, to the prediction, monitoring, and evaluation of major natural phenomena affecting life on earth. These phenomena are often highly destructive, and include earthquakes, tsunamis, volcanoes, climate change, and weather. Early warning, damage, and the immediate response of human populations to these phenomena are also covered from the point of view of complexity and nonlinear systems. In 61 authoritative, state-of-the-art articles, world experts in each field apply such tools and concepts as fractals, cellular automata, solitons game theory, network theory, and statistical physics to an understanding of these complex geophysical phenomena.

Dynamics of Disaster: Lessons on Risk, Response and Recovery

Authors : Rachel A Dowty et al. (Editor)

Year: 2011

Publisher: Earthscan Publications Ltd

ISBN: 978-1849711432

Content: Disasters are the result of complex interactions between social and natural forces, acting at multiple scales from the individual and community to the organizational, national and international level. Effective disaster planning, response and recovery require an understanding of these interacting forces, and the role of power, knowledge and organizations. This book sheds new light on these dynamics, and gives disaster scholars and practitioners new and valuable lessons for management and planning in practice. The authors draw on methods across the social sciences to examine disaster response and recovery as viewed by those in positions of authority (Part I) and the recipients of operations (Part II). These first two sections examine cases from Hurricane Katrina, while Part III compares this to other international disasters to draw out general lessons and practical applications for disaster planning in any context. The authors also offer guidance for shaping institutional structures to better meet the needs of communities and residents.

Calculating Catastrophe

Authors : Gordon Woo

Year: 2011

Publisher: Imperial College Press

ISBN: 978-1848167384

Content: This book explains the underlying quantitative basis for understanding catastrophe phenomena, both natural and man-made. The catastrophes covered range from geological, meteorological and hydrological hazards to political violence, industrial, ecological and financial risk.

Global Aerospace Monitoring and Disaster Management

Authors : Anatoly N., Menshikov, Valery A., Urlichich, Yuri M.

Year: 2011

Publisher: Springer

ISBN: 978-3-7091-0809-3

Content: In this book, space systems are situated in the global processes of the 21st century's information society and the role that space information systems could play in risk management is determined; methods of detecting and forecasting of both natural disasters and technogenic catastrophes and existing global and regional monitoring systems are described; and the IGMASS is introduced with its architecture and design concept and social and economic aspects and estimates of its creation, development, and utilization. Finally, results of the international symposium held in Limassol, Cyprus, in November 2009 in preparation of the IGMASS project's submission to the United Nations are discussed.

The Wenchuan Earthquake of 2008

Authors :Chen, Yong, Booth, David C.

Year: 2011

Publisher: Springer

ISBN: 978-3-642-21158-4

Content: "The Wenchuan Earthquake of 2008: An anatomy of disaster" gives a detailed account of the damage, seismology and tectonics of the event and discusses earthquake prediction, seismic hazard and risk management, the creation and implementation of building codes, and new practices used in rescue, relief and reconstruction. It will be of significant interest to researchers and practitioners engaged in seismology, geophysics, engineering, the social sciences, and disaster management and recovery. It also offers a valuable new and uniquely Chinese perspective with many insights for future mitigation of earthquake risk.

Coping with Climate Change: Principles and Asian Context

Authors: Chandrappa, Ramesha, Gupta, Sushil, Kulshrestha, Umesh Chandra

Year: 2011

Publisher: Springer

ISBN: 978-3-642-19673-7

Content: The Environmental and climatic issues varies from continent to continent and is unique to Asia. Understanding the issues does need lot of research and study material which students may not be able to gather due to shortage of time and resources. Hence an effort is made by authors gathering there experience and academic input from renowned universities of world. Climate change is real and coping with it is major concern in coming days. Most of the books written and sold in the past need updating and customizing. The general description of climate change and world will not help the professionals and students. It needs to seen area wise as a professional will work in specific geographic area. Hence an effort is made to collect data from Asia which host most populated countries along with ecological hot

In Extremes: Disruptive Events and Trends in Climate and Hydrology

Authors : V. Pisarenko, M. Rodkin

Year: 2011

Publisher: Springer

ISBN: 978-3-642-14862-0

Content: The book addresses a weakness of current methodologies used in extreme value assessment, i.e. the assumption of stationarity, which is not given in reality. With respect to this issue a lot of new developed technologies are presented, i.e. influence of trends vs. internal correlations, quantitative uncertainty assessments, etc. The book not only focuses on artificial time series data, but has a close link to empirical measurements, in order to make the

suggested methodologies applicable for practitioners in water management and meteorology.

Post-Disaster Reconstruction of the Built Environment: Rebuilding for Resilience

Authors :Dilanthi Amaratunga, Richard Haigh

Year: 2011

Publisher: Wiley

ISBN: 978-1-4443-3356-5

Content: The construction industry is typically engaged in a range of critical activities after a disaster: providing temporary shelter after the disaster; restoration of permanent shelter and public services such as hospitals, schools, water supply, power, communications, and environmental infrastructure. This book identifies the challenges that face the industry and highlight best practices to enable the construction industry to address those problems which make an effective response to these unexpected events difficult. Written by an international team of experts, this book will help researchers and advanced students of construction understand the problems faced by communities and the construction industry when faced with a natural or man made disaster, and identify the planning and management processes required by the industry to mount an effective response.

Environmental Hazards and Disasters: Contexts, Perspectives and Management

Authors: Bimal Kanti Paul

Year: 2011

Publisher: John Wiley and Sons Ltd

ISBN: 9780470660027

Content: Environmental Hazards and Disasters: Contexts, Perspectives and Management focuses on manifested threats to humans and their welfare as a result of natural disasters. The book uses an integrative approach to address socio-cultural, political and physical components of the disaster process. Human and social vulnerability as well as risk to environmental hazards are explored within the comprehensive context of diverse natural hazards and disasters. In addition to scientific explanations of disastrous occurrences, people and governments of hazard-prone countries often have their own interpretations for why natural disasters occur. In such interpretations they often either blame others, in order to conceal their inability to protect themselves, or they blame themselves, attributing the events to either real or imagined misdeeds. The book contains a chapter devoted to the neglected topic of such reactions and explanations. Includes chapters on key topics such as the application of GIS in hazard studies; resiliency; disasters and poverty; climate change and sustainability and development. This book is designed as a the primary text for an interdisciplinary course on hazards for upper-level undergraduate and Graduate students. Although not targeted for an introductory hazards course, students in such a course may find it very useful as well. Additionally, emergency managers, planners, and both public and private organizations involved in

disaster response, and mitigation could benefit from this book along with hazard researchers. It not only includes traditional and popular hazard topics (e.g., disaster cycles, disaster relief, and risk and vulnerability), it also includes neglected topics, such as the positive impacts of disasters, disaster myths and different accounts of disasters, and disasters and gender.

Crisis Information Management: Communication and Technologies

Authors:Christine Hagar

Year: 2011

Publisher: Woodhead Publishing Ltd

ISBN: 9781843346470

Content: This book explores the management of information in crises, particularly the interconnectedness of information, people, and technologies during crises. Events, such as the Haiti earthquake, Hurricane Katrina and 9/11, have demonstrated that there is a great need to understand how individuals, government, and non-government agencies organize, manage, access, communicate, and disseminate information within communities during crisis situations. Information management problems and information technology failures have been cited as significant factors in the failed responses to many crises. This edited book brings together papers written by researchers, academics, and practitioners from a variety of information perspectives in crisis response and management (e.g., information science, information management, information systems, and librarians).

The Causes and Behavioral Consequences of Disasters

Authors:

Year: 2011

Publisher: Springer

ISBN: 9781461403166

Content: "The Causes and Behavioral Consequences of Disasters" brings a public health perspective to the literature, reflecting the increasing importance of the field in both disaster preparedness and disaster response. Arguing that a disaster is not only the event but its aftermath as well, the authors apply salient local content to the study of scenarios ranging from the Cuzco, Peru, earthquake of 1950 to the Columbine school shooting, the Oklahoma City bombing, and 9/11. These case studies form the basis for models of vulnerabilities to disasters and population behavior following disasters, illustrating how careful pre-event planning and coordinated post-event response strategies can minimize the initial damage and negative aftereffects. "The Causes and Behavioral Consequences of Disasters" will further professional discussion and understanding among a wide range of professionals and students across public health, mental health, education, health administration and policy, social work, and the social sciences.

Forecasting, Warning and Responding to Transnational Risks

Authors: Chiara De Franco, Christoph O. Meyer

Year: 2011

Publisher: Palgrave Macmillan

ISBN: 9780230297845

Content: What does it take to recognize and prevent impending harm, which has transnational causes and consequences? How can we handle the risks related to financial instability, terrorism, pandemics, air pollution, flooding, and climate change? The book brings together scholars and senior practitioners from different areas to conceptualize and empirically study the interlinked problems of forecasting, warning and mobilizing preventive action. Contributors comment on key generic problems such as uncertainty, silo-mentality, spotting weak-signals, cultures of blame, conflicts of interest and divergent risk perceptions, but are also sensitive to differences between actors and types of risk. The overall thrust is to challenge both technocratic and popularized accounts of the warning-response problem. Successful prevention or mitigation involves difficult cognitive, normative and political judgements. Whilst these difficulties cannot be eliminated, contributors suggest ways in which organizations, journalists, scientists and decision-makers can at least mitigate them.

Disaster Education

Authors: Rajib Shaw, Koichi Shiwaku, Yukiko Takeuchi

Year: 2011

Publisher: Emerald Group Publishing Limited

ISBN: 9780857247377

Content: Education is the key to risk reduction, be it environmental management or disaster risk reduction, and is a process which needs to be embedded at different levels of management and practices to collectively reduce the risk. While school education forms the foundations of the knowledge cycle, for effective knowledge use, it is necessary to link school and community education. Education is linked to enhanced awareness and a key reflection of education is seen in terms of actions. Divided into four sections this book begins with an informative introduction to the subject of disaster risk reduction education and proceeds to highlight key places of education such as family, community, school, and higher education. It then examines approaches, methods and tools before providing a future perspective and pointing to the way ahead. This is the first book of its kind on disaster risk reduction education. A ready reference for practitioners in the field, this book describes and demonstrates different aspects of education in an easy-to-understand form with current academic research and practical field experiences included throughout.

The Economic Impacts of Natural Disasters

Authors: Debarati Guha-Sapir, Indhira Santos, Alexandre Borde

Year: 2011

Publisher: Earthscan Ltd

ISBN: 9781844077694

Content: Research on the economics of natural disasters has not kept up with the tremendous impacts of these phenomena on people's lives. However, large scale events such as Hurricane Katrina, the Tsunami in Asia and the more recent 2008 hurricane in Myanmar and earthquake in Sichuan, China, have sparked new interest in the field. This book brings together the work of academic researchers and practitioners covering methodological aspects of measuring natural disasters as well as relevant macro and microeconomic theory and evidence, trying to put forward a research agenda and policy options for the next decade. The book has two parts. Part I first provides an overview of the general trends in natural disasters and their effects, and later focuses on a critical analysis of different methodologies to assess the economic impact of natural disasters, as well as on the ex-ante and ex-post mechanisms to deal with the effects of disasters and the relationship between extreme natural events and climate change. Part II covers six case studies from both the developed and the developing world, and from three different continents: Bangladesh, Vietnam, India, Nicaragua, Japan and the Netherlands. Using both country-level data and household surveys, these case studies analyse and quantify the impact of natural hazards - hurricanes, floods, earthquakes, among other types of disasters - on household welfare and macroeconomic performance. This is an indispensable volume for researchers, academics and policy professionals addressing the short and long term economic effects of natural disasters.

List of already listed new books in back issues:

Heavy-Tailed Distributions in Disaster Analysis

Authors: V. Pisarenko, M. Rodkin

Year: 2010

Publisher: Springer, New York

ISBN: 978-9048191703

When the Planet Rages: Natural Disasters, Global Warming and the Future of the Earth

Authors: Charles Offices, Jake Page

Year: 2010

Publisher: Oxford University Press

ISBN: 978-0195377019

Early Warning for Geological Disasters

Authors: Friedemann Wenzel, Jochen Zschau (editor)

Year: 2010

Publisher: Springer, Berlin

ISBN: 978-3642122323

Natural Hazards, UnNatural Disasters

Authors: World Bank, United Nations

Year: 2010

Publisher: Word Bank

ASIN: 978-0739124161

Mitigation of Natural Hazards and Disasters: International Perspectives

Authors: C. Emdad Haque (editor)

Year: 2010

Publisher: Springer

ISBN-10: 9048167965

Systems Approach to Management of Disasters: Methods and Applications

Authors: Slobodan P. Simonovi

Year: 2010

Publisher: Wiley

ISBN-10: 978-0739124161

Extreme Events in Nature and Society

Authors: Sergio Albeverio, Volker Jentsch, Holger Kantz

Year: 2010

Publisher: Springer

ISBN: 3642066798

Natural and Anthropogenic Disasters: Vulnerability, Preparedness and Mitigation

Authors: M.K. Jha (editor)

Year: 2010

Publisher: Springer

ISBN: 9048124972

Natural Disasters as Interactive Components of Global-Ecodynamics

Authors: Kirill Ya Kondratyev, Vladimir F. Krapivin, Costas A. Varostos

Year: 2010

Publisher: Springer

ISBN: 3642068448

Catalogue of Risks: Natural, Technical, Social and Health Risks

Authors: Dirk Proske

Year: 2010

Publisher: Springer

ISBN: 3642098487

In Extremis: Disruptive Events and Trends in Climate and Hydrology

Authors: Jürgen Kropp, Hans-Joachim Schellnhuber (editor)

Year: 2010

Publisher: Springer

ISBN: 364214862X

Natural Disasters and Sustainable Development

Authors : Riccardo Casale, Claudio Margottini (editor)

Year: 2010

Publisher: Springer

ISBN: 3642075800

Assessing Vulnerability to Global Environmental Change: Making Research Useful for Adaptation Decision Making and Policy [Paperback]

Authors : Anthony G. Patt et al. (editor)

Year: 2010

Publisher: Springer

ISBN: 1849711542

8. Miscellaneous

Other Newsletters:

- **Disaster Research:** DISASTER RESEARCH (DR) is a moderated newsletter for creators and users of information about hazards and disasters.
Website: <http://www.colorado.edu/hazards/dr/currentdr.html>
- **Emergency Manager's Weekly Report:**
Website:
<http://www.6pinternational.com/news.php?category=Emergency%20Managers%20Weekly%20Report&>
- **KatNet-Newsletter:** (mostly in German language)
Website: <http://www.katastrophennetz.de/>

-
- **EM-DAT: International Disaster Database Newsletter (CRED)**
Website: <http://www.emdat.be/publications>
 - **DSCRN: Disaster and Social Crisis Research Network Newsletter**
Website: <http://www.dscrn.org/cms/index.php?page=newsletter>
 - **International Institute for Sustainable Development Newsletter: IISD Reporting Services.**
Website: Climate Change: <http://climate-i.iisd.org/about-the-climate-i-mailing-list/>
General Information: <http://www.iisd.ca/>
 - **Society of Risk Analysis Newsletter:**
Website: <http://www.sra.org/newsletter.php>
 - **ULC Institute for Risk and Disaster Reduction Newsletter:**
Website: <http://www.ucl.ac.uk/rdr/irdr/newsletter/>

Useful Links:

- **ProVention Consortium:** <http://www.proventionconsortium.org/>
- **Disaster Reduction Hyperbase – Asian application (DRH- Asia):**
<http://drh.edm.bosai.go.jp>
- **PreventionWeb, UN-ISDR:** <http://www.preventionweb.net/>
- **Asian Disaster Reduction & Response Network (ADRRN) :** <http://www.adrrn.net/>
- **CITYNET and Disaster Risk Reduction :** <http://www.citynet-ap.org/>
- **JICA , Water Resources/Disaster Management, Global Issues:**
<http://www.jica.go.jp/english/global/wate/index.html>
- **EM-DAT: The International Disaster Database:** <http://www.em-dat.net/>
- **ADRC / Total Disaster Risk Management (TDRM): Good Practice :**
<http://www.adrc.or.jp/>
- **Global Open Learning Forum on Risk Education (GOLFRE) :**
<http://www.golfre.org/>
- **Regional and Local Interrogation of “Hotspots” Database :**
<http://www.ideo.columbia.edu/chrr/research/hotspots>
- **International Center for Water Hazard and Risk Management (ICHARM) under the auspices of UNESCO :** <http://www.icharm.pwri.go.jp/>
- **International Office of Earthquake and Volcano Research Promotion:**
<http://www.eri.u-tokyo.ac.jp/kokusai/english/index.html>
- **Integrated Risk Information Network of China (iRiskNet):** <http://www.irisknet.cn/>

-
- **Natural und Environment Disaster Information Exchange System:**
<http://nedies.jrc.it/index.asp?ID=67>
 - **(NIED) The Landslide Map Database** ; Database on Volcanic Hazard Maps and Reference Material :
http://sweb1.ess.bosai.go.jp/jisuberi/jisuberi_mini_Eng/jisuberi_top.html
 - **Sentinel Asia Project** : <http://dmss.tksc.jaxa.jp/sentinel/>
 - **National Information Center of Earthquake Engineering (NICEE), INDIA** :
<http://www.nicee.org/>
 - **Nepal Centre for Disaster Management (NCDM), Nepal:** www.ncdm.org.np

Grants / Research Funds:

- Japan Society for the Promotion of Science (JSPS) Fellowship:
<http://www.ssrf.org/fellowships/jsp-s-fellowship/>
- Humboldt Research Fellowship for Postdoctoral Researchers:
<http://www.humboldt-foundation.de/web>
- Mary Fran Myers Award, Natural Hazards Center, University of Colorado at Boulder: <http://www.colorado.edu/hazards/awards/>
- Ministry of Education, Culture, Sports, Science and Technology (MEXT, Japan):
<http://www.mext.go.jp/english/>

Newsletter Committee:

Head:

Stefan Hochrainer-Stigler

IIASA- International Institute for Applied Systems Analysis, Laxenburg, Austria

Email: hochrain@iiasa.ac.at

Muneta Yokomatsu

Research Center for Disaster Reduction Systems,
Disaster Prevention Research Institute, Kyoto University

E-mail: yoko@drs.dpri.kyoto-u.ac.jp

Ana Maria Cruz

Consultant, Natech Risk Management
Bordeaux, France

E-mail: cruzanamaria2000@yahoo.com

Wei Xu

Beijing Normal University (BNU)

Beijing, China

E-mail: xuwei@bnu.edu.cn

IDRiM Society

Secretariat

Kyoto University

Gokasyo Uji, Kyoto, Japan

Tel: +81-774-38-4043

FAX :+81-774-38-4636

Email: society@idrim.org