

Nature International Journal Of Science Volume 58

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Nature

In the aftermath of considerable seismic unrest caused by the tsunami in the Indian Ocean, this volume focuses on exposing the coastal vulnerability of the region. Despite a plethora of enquiries into natural

disasters in different parts of the globe, there is now a more conspicuous concern than ever for the South East Asian region. This global concern has become all the more prevalent since the Hyogo Declaration in January 2005 and the recent Asian Summit in Indonesia. The purpose of this treatise is to bring the characteristics of the disastrous events of the region to the fore, seeking to present not only the continuing fatalities and fragilities of the area, but also the possibilities for coping with natural disasters. The book's layout is specifically shaped by the nature of the damage and threat caused by these disasters, particularly concerning the communities at risk and their responses. This book will appeal to those involved in both global and local organizations as administrators, facilitators, stakeholders and activists, as well as Governmental / Non Governmental agencies, societies including organizations such as ESCAP, UNDP, WMO, UNESCO, UNCRD.

Nature

Oceanography and Marine Biology: An Annual Review remains one of the most cited sources in marine science and oceanography. The ever-increasing interest in work in oceanography and marine biology and its relevance to global environmental issues, especially global climate change and its impacts, creates a demand for authoritative refereed reviews summarizing and synthesizing the results of recent research. For more than 50 years, OMBAR has been an essential reference for research workers and students in all fields of marine science. This volume considers such diverse topics as optimal design for ecosystem-level ocean observatories, the oceanography and ecology of Ningaloo, human pressures and the emergence of novel marine ecosystems and priority species to support the functional integrity of coral reefs. Six of the nine peer-reviewed contributions in Volume 58 are available to read Open Access via the links on the Routledge.com webpage. An international Editorial Board ensures global relevance and expert peer review, with editors from Australia, Canada, Hong Kong, Ireland, Singapore, South Africa and the United Kingdom. The series volumes find a place in the libraries of not only marine laboratories and oceanographic institutes, but also universities worldwide. Chapters 1, 2, 3, 4, 5, 7 and 8 of this book are freely available as a downloadable Open Access PDF under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license. The links can be found on the book's Routledge web page at <https://www.routledge.com/9780367367947>

Nature

Dorrik A. V. Stow Editor in Chief, Association of Geoscientists for International Development (AGID) AGID is particularly pleased to see published this latest hurricanes, floods-that are wreaking havoc, destroying report in its Geosciences in International Development livelihood and lives in some corner of the globe. Series, as a significant contribution to the onset of the UN As geoscientists there are perhaps three concerns that Decade of National Disaster Reduction, and as a mark of should be uppermost in our minds as we join an inter AGID's growing concern over the potential and actual national effort to combat the adverse effects of natural effects of geohazards throughout the developing world. hazards. The first must be to improve our scientific The problem of geohazards is increasing, not because understanding of the nature and causes of such hazards and to work towards more reliable prediction of their the rate of earth processes is accelerating, nor because the occurrence and magnitude.

Nature London

Includes University catalogues, President's report, Financial report, etc.

Natural Disaster Reduction

The Fuzzy Systems, Knowledge Discovery, and Natural Computation Symposium (FSKDNC 2013) was successfully held from 24 to 25 July 2013, in Shenyang, China. The Symposium was a platform for authors to present their recent development on fuzzy systems, knowledge discovery, and natural computation (i.e., intelligent techniques inspired from nature, such as neural networks, genetic algorithms, and particle swarm optimization). The Symposium attracted numerous submissions from around the globe. Each submitted paper was rigorously reviewed by the program committee and additional reviewers based on originality, significance and quality of the research, clarity of the presentation, and relevance to the Symposium theme. 60 papers are included in the Symposium proceedings after the review process. The great efforts of the authors, the Organizing Committee members, the Program Committee members, and the additional reviewers are acknowledged here. The Symposium would not have been possible without the support from Liaoning Technical University. The professional and courteous staff from DEStech Publications, Inc also deserves special credits.

Oceanography and Marine Biology

First Published in 2008. Routledge is an imprint of Taylor & Francis, an informa company.

Geohazards

Exchange of information and innovative ideas are necessary to accelerate the development of technology. With advent of technology, intelligent and soft computing techniques came into existence with a wide scope of implementation in engineering sciences. Keeping this ideology in preference, this book includes the insights that reflect the 'Advances in Computer and Computational Sciences' from upcoming researchers and leading academicians across the globe. It contains high-quality peer-reviewed papers of 'International Conference on Computer, Communication and Computational Sciences (ICCCCS 2016)', held during 12-13 August, 2016 in Ajmer, India. These papers are arranged in the form of chapters. The content of the book is divided into two volumes that cover variety of topics such as intelligent hardware and software design, advanced communications, power and energy optimization, intelligent techniques used in internet of things, intelligent image processing, advanced software engineering, evolutionary and soft computing, security and many more. This book helps the perspective readers' from computer industry and academia to derive the advances of next generation computer and communication technology and shape them into real life applications.

ILRAD Annual Report 1990

Over the past thirty years Paul Feyerabend has developed an extremely distinctive and influential approach to problems in the philosophy of science. The most important and seminal of his published essays are collected here in two volumes, with new introductions to provide an overview and historical perspective on the discussions of each part. Volume 1 presents papers on the interpretation of scientific theories, together with papers applying the views developed to particular problems in philosophy and physics. The essays in volume 2 examine the origin and history of an abstract rationalism, as well as its consequences for the philosophy of science and methods of scientific research. Professor Feyerabend argues with great force and imagination for a comprehensive and opportunistic pluralism. In doing so he draws on extensive knowledge of scientific history and practice, and he is alert always to the wider philosophical, practical and political implications of conflicting views. These two volumes fully display the variety of his ideas, and confirm the originality and significance of his work.

The Johns Hopkins University Circular

Advances in Natural Gas: Formation, Processing, and Applications is a comprehensive eight-volume set of books that discusses in detail the theoretical basics and practical methods of various aspects of natural gas from exploration and extraction, to synthesizing, processing and purifying, producing valuable chemicals and energy. The volumes introduce transportation and storage challenges as well as hydrates formation, extraction, and prevention. Volume 1 titled Natural Gas Formation and Extraction introduces natural gas characteristics and thermo-physical properties. The book discusses various formation and synthesize techniques from non-renewable sources (coal, oil shale, etc.) and renewable sources (biomass, sewage, algae, etc.) of natural gas as well as its extraction techniques from different reservoirs. It also covers related environmental challenges of natural gas, economic assessment of its extraction and production technologies, health. Introduces natural gas characteristics

and properties Describes different renewable/non-renewable sources for natural gas production and extraction Includes various methods and technologies for extracting and producing natural gas with related challenges

Fuzzy Systems, Knowledge Discovery and Natural Computation Symposium

This proceedings contains a collection of 23 papers from The American Ceramic Society's 41st International Conference on Advanced Ceramics and Composites, held in Daytona Beach, Florida, January 22-27, 2017. This issue includes papers presented in the following symposia: • Symposium 1 Mechanical Behavior and Performance of Ceramics and Composites • Symposium 2 Advanced Ceramic Coatings for Structural, Environmental, and Functional Applications • Symposium 4 Armor Ceramics: Challenges and New Developments • Symposium 5 Next Generation Bioceramics and Biocomposites • 6th Global Young Investigators Forum

Risk Governance

Building on the foundation set in Volume I—a landmark synthesis of research in the field—Volume II is a comprehensive, state-of-the-art new volume highlighting new and emerging research perspectives. The contributors, all experts in their research areas, represent the international and gender diversity in the science education research community. The volume is organized around six themes: theory and methods of science education research; science learning; culture, gender, and society and science learning; science teaching; curriculum and assessment in science; science teacher education. Each chapter presents an integrative review of the research on the topic it addresses—pulling together the existing research, working to understand the historical trends and patterns in that body of scholarship, describing how the issue is conceptualized within the literature, how methods and theories have shaped the outcomes of the research, and where the strengths, weaknesses, and gaps are in the literature. Providing guidance to science education faculty and graduate students and leading to new insights and directions for future research, the Handbook of Research on Science Education, Volume II is an essential resource for the entire science education community.

Nature

Excerpt from Nature, Vol. 57: A Weekly Illustrated Journal of Science; November 1897 to April 1898 Differential Equations, Ordinary, with an Introduction to Lie's Theory of the Group of one Parameter, James Morris Page. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

Advances in Computer and Computational Sciences

Advances in Geophysics, Volume 58, the latest in this critically acclaimed serialized review journal that has published for over 50 years, contains the latest information available in the field. Users will find valuable chapters highlighting the Novel use of geodynamics in plate tectonic reconstruction, and on Optimized experimental design in the context of seismic full waveform inversion and seismic imaging. Since 1952, each volume in this series has been eagerly awaited, frequently consulted, and praised by researchers and reviewers alike. Now in its 58th volume, it is truly an essential publication for researchers in all fields of geophysics. Provides high-level reviews of the latest innovations in geophysics Written by recognized experts in the field Essential publication for researchers in all fields of geophysics

Nature, Vol. 109

This invaluable book is a unique collection of tributes to outstanding discoveries pioneered by Leon Chua in nonlinear circuits, cellular neural networks, and chaos. It is comprised of three parts. The first OCo cellular nonlinear networks, nonlinear circuits and cellular automata OCo deals with Chua's Lagrangian circuits, cellular wave computers, bio-inspired robotics and neuro-morphic architectures, toroidal chaos, synaptic cellular automata, history of Chua's circuits, cardiac arrhythmias, local ac-

tivity principle, symmetry breaking and complexity, bifurcation trees, and Chua's views on nonlinear dynamics of cellular automata. Dynamical systems and chaos is the scope of the second part of the book, where we find genius accounts on theory and application of Julia set, stability of dynamical networks, chaotic neural networks and neocortical dynamics, dynamics of piecewise linear systems, chaotic mathematical circuitry, synchronization of oscillators, models of catastrophic events, control of chaotic systems, symbolic dynamics, and solitons. First hand accounts on the discovery of memristors in HP Labs, historical excursions into OCO, analytical analysis of memristors, and hardware memristor emulators are presented in the third and final part of the book. The book is quintessence of ideas on future and emergent hardware, analytic theories of complex dynamical systems and interdisciplinary physics. It is a true Renaissance volume where bright ideas of electronics, mathematics and physics enlighten facets of modern science. The unique DVD covers the artistic aspects of chaos, such as several stunningly melodious musical compositions using chaotic attractors, a virtual gallery of hundreds of colorful attractors, and even a cartoon-like play on the genesis of Chua's circuit that was based on a widely acclaimed performance in Rome and other venues in Italy. In short, it is a veritable kaleidoscope of never-before-published historical, pedagogical, and futuristic technical visions on three timely topics of intense interest for both lay readers and experts alike."

Realism, Rationalism and Scientific Method: Volume 1

The aim of EUROPEAN RETAIL RESEARCH is to publish interesting manuscripts of high quality and innovativeness with a focus on retail researchers, retail lecturers, retail students and retail executives. As it has always been, retail executives are part of the target group and the knowledge transfer between retail research and retail management remains a part of the publication's concept.

Advances in Natural Gas: Formation, Processing and Applications. Volume 1: Natural Gas Formation and Extraction

In this volume of "International Journal of Engineering Research in Africa" are included peer-reviewed manuscripts reflecting the research results in materials processing and corrosion protection, fluid mechanics, power engineering, microgrid, and power electronics, wastewater and water treatment, irrigation, building materials, and system for the automation product design. The presented scientific articles can be appreciated by the majority of engineers, academic teachers, and students majoring in the fields of engineering science.

Proceedings of the 41st International Conference on Advanced Ceramics and Composites, Volume 38, Issue 2

Many scholars have argued that technology, entrepreneurship, integrated business models and marketing are key to the success of any business, but in particular to the success of unicorn companies. However, there is a need to further investigate interdisciplinary approaches to techno entrepreneurial business strategy, which remains a neglected area of research. In this edited volume, authors explore and develop principles, models and other theoretical and practical concepts to develop better guidance on how to adapt business models using new technologies such as AI, cloud computing, blockchain, cybersecurity, and infrastructure. Underpinned by established academic theories, the book explores integrated business models that are both defensive and offensive in strategic outlook. Ultimately, it will help students, researchers and entrepreneurs to design, develop and implement technology-enabled integrated business models.

ICICKM2011-Proceedings of the 8th International Conference on Intellectual Capital, Knowledge Management & Organisational Learning

This book analyzes the roots of one of the main human activities that can be developed in natural and agricultural ecosystems: tourism. Attention to natural and agricultural ecosystems and their conservation has intensified in recent decades, responding to increasing social sensitivity to the environment, as also witnessed by Agenda 2030. The book explores the development of tourism in natural and agricultural ecosystems in the eighteenth and nineteenth centuries, when some of its essential features derived from the practices of exploration, scientific study, business, healing practices, and also a desire for personal growth. This research is intended to open up international scholarly debate and discussion and draw in contributions from all disciplines and geographical areas. In addition, it intends to add an important piece to the mosaic of international literature that has rarely considered the origins of nature and rural tourism in an array of practices not always embodying a stated intent of recreation. This book

is based on handwritten documents and travelogues circulating during the period in question. Most of the travel experiences analyzed regard men and women of European descent, but their travels were global, with ecosystems considered on all populated continents. This volume is essential reading for students and scholars alike interested in tourism history and the history of science and travel.

Handbook of Research on Science Education

Recently statistical knowledge has become an important requirement and occupies a prominent position in the exercise of various professions. In the real world, the processes have a large volume of data and are naturally multivariate and as such, require a proper treatment. For these conditions it is difficult or practically impossible to use methods of univariate statistics. The wide application of multivariate techniques and the need to spread them more fully in the academic and the business justify the creation of this book. The objective is to demonstrate interdisciplinary applications to identify patterns, trends, association and dependencies, in the areas of Management, Engineering and Sciences. The book is addressed to both practicing professionals and researchers in the field.

Nature, Vol. 57

Legislation, Technology and Practice of Mine Land Reclamation contains the proceedings of the Beijing International Symposium on Land Reclamation and Ecological Restoration (LRER 2014, Beijing, China, 16-19 October 2014). The contributions cover a wide range of topics: - Monitoring, prediction and assessment of environmental damage in mining areas - Subsidence land reclamation and ecological restoration - Soil, vegetation and biological diversity - Mining methods and measures for minimization of land and environmental damage - Solid wastes and AMD treatment - Contaminated land remediation - Land reclamation and ecological restoration policies and management - Surface mined land reclamation and ecological restoration - Case study on mining reclamation and ecological restoration. Legislation, Technology and Practice of Mine Land Reclamation will be of interest to engineers, scientists, consultants, government officials and students involved in environmental engineering, soil science, ecology, forestry, mining, and land reclamation and ecological restoration in mining areas.

Proceedings of The Academy of Natural Sciences (Vol. 151, 2001)

This is volume II of the proceedings of the Second International Conference on Natural Computation, ICNC 2006. After a demanding review process 168 carefully revised full papers and 86 revised short papers were selected from 1915 submissions for presentation in two volumes. The 124 papers in the second volume are organized in topical sections on additional topics in natural computation, natural computation techniques applications, hardware, and cross-disciplinary topics.

Advances in Geophysics

Stefan Wengler provides a well founded answer to the question of the economic value and shows the need for the implementation of key account management. He presents a comprehensive, but easy-to-handle decision-making model that supports the decision on the most efficient key account management organization for individual companies. In addition, he gives a comprehensive overview on the key account management conception and its controlling tools.

Chaos, CNN, Memristors and Beyond

Founded in 1971, the Academy of Marketing Science is an international organization dedicated to promoting timely explorations of phenomena related to the science of marketing in theory, research, and practice. Among its services to members and the community at large, the Academy offers conferences, congresses and symposia that attract delegates from around the world. Presentations from these events are published in this Proceedings series, which offers a comprehensive archive of volumes reflecting the evolution of the field. Volumes deliver cutting-edge research and insights, complimenting the Academy's flagship journals, the Journal of the Academy of Marketing Science (JAMS) and AMS Review. Volumes are edited by leading scholars and practitioners across a wide range of subject areas in marketing science. This volume includes the full proceedings from the 2003 Academy of Marketing Science (AMS) Annual Conference held in Washington, D.C., entitled Creating and Delivering Value in Marketing.

EJEG Volume 8 Issue 2

Teaching Primary Science Constructively helps readers to create effective science learning experiences for primary students by using a constructivist approach to learning. This best-selling text explains the principles of constructivism and their implications for learning and teaching, and discusses core strategies for developing science understanding and science inquiry processes and skills. Chapters also provide research-based ideas for implementing a constructivist approach within a number of content strands. Throughout there are strong links to the key ideas, themes and terminology of the revised Australian Curriculum: Science. This sixth edition includes a new introductory chapter addressing readers' preconceptions and concerns about teaching primary science.

European Retail Research

International Journal of Engineering Research in Africa Vol. 58