

Sea Change Sm Wheeler

Sea Change Transportation, Land Use, and Environmental Planning Principles of Global Supply Chain Management James Tiptree, Jr. Award Cumulative List **Adaptation and Resilience Climate Change Impacts in the United States, Highlights Vulnerability and Adaptation to Climate Change in California Agriculture Adaptation Strategies for Agricultural Sustainability in Yolo County, California Environmental Economics in Developing Countries Elgar Companion to Sustainable Cities The Future of the City Encyclopedia of Agriculture and Food Systems Decarbonising Cities The Eastern Reporter Identity and Cultural Diversity A Cultural Resources Overview of the Carson and Humboldt Sinks, Nevada Naval Air Station, Fallon, Withdrawal of Bravo-20 Bombing Ranges, EA Advanced Quantitative Research Methods for Urban Planners Transport Nodal System The New Century of the Metropolis The Routledge Handbook on Cities of the Global South Respect for the Ancestors Climate Change and Social Ecology Computer Simulations of Surfaces and Interfaces Alzheimer's Disease and the Fornix Preliminary Investigations in Stillwater Marsh Indian History Fifth International Visual Field Symposium Notes from the Museum of Northern Arizona Ebook: Child Development: An Introduction Bergin and Garfield's Handbook of Psychotherapy and Behavior Change Deformation Mechanisms, Rheology and Tectonics Catheter-Related Infections in the Critically Ill Ecological Governance Crop Adaptation to Climate Change Sustainability Standards and Global Governance Governance Networks for Sustainable Cities Development and Application of Downscaled Hydroclimatic Predictor Variables for Use in Climate Vulnerability and Assessment Studies The Visual Fields Current Research in Britain**

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The Visual Fields Jul 22 2019

Adaptation and Resilience Jun 25 2022 First Published in 2011. Routledge is an imprint of Taylor & Francis, an informa company.

A Cultural Resources Overview of the Carson and Humboldt Sinks, Nevada Jul 14 2021

Climate Change Impacts in the United States, Highlights May 24 2022 This book presents the major findings and selected highlights from *Climate Change Impacts in the United States*, the third National Climate Assessment. The National Climate Assessment assesses the science of climate change and its impacts across the United States, now and throughout this century. It documents climate change related impacts and responses for various sectors and regions, with the goal of better informing public and private decision-making at all levels. A team of more than 300 experts, guided by a 60-member National Climate Assessment and Development Advisory Committee, produced the full report. The assessment draws from a large body of scientific peer-reviewed research, technical input reports, and other publicly available sources; all sources meet the standards of the Information Quality Act. The report was extensively reviewed by the public and experts, including a panel of the National Academy of Sciences, the 13 Federal agencies of the U.S. Global Change Research Program, and the Federal Committee on Environment, Natural Resources, and Sustainability.

Current Research in Britain Jun 20 2019

The New Century of the Metropolis Mar 10 2021 The problems created by metropolitanization have become increasingly apparent. Attempts to limit growth, disperse populations and plan neighbourhoods have been largely unsuccessful. Strategies are needed to improve the world's major cities in the twenty-first century. Tom Angotti is fundamentally optimistic about the future of the metropolis, but questions urban planning's inability to integrate urban and rural systems, its contribution to the growth of inequality, and increasing enclave development throughout the world. Using the concept of 'urban orientalism' as a theoretical underpinning of modern urban planning grounded in global inequalities, Angotti confronts this traditional model with new, progressive approaches to community and metropolis. Written in clear, precise terms by an award-winning author, *The New Century of the Metropolis* argues that only when the city is understood as a necessary and beneficial accompaniment to social progress can a progressive, humane approach to urban planning be developed.

Principles of Global Supply Chain Management Aug 27 2022 Supply chain management is the cornerstone of the competitive strategies of many presentday organizations and has evolved from the operational to the strategic level. Understanding this, *Principles of Global Supply Chain Management* offers a comprehensive insight into the global supply

chain sector—analyzing the strategic, operational and financial aspects of the industry, and addressing the key elements in the management of global supply chains. The key topics of each chapter demonstrate a variety of fundamental issues in the supply chain industry: What are supply chain markets? What is the supply chain cost structure? What are supply chain strategies? How do supply chain firms design and implement strategies? What are the key roles of logistics service providers, logistics education operators and logistics associations? How should supply chain operations be managed? How is a sustainable and innovative supply chain structure created? Comparative practical case studies from Asia, North America and Latin America lend weight to the chapters.

Catheter-Related Infections in the Critically Ill Jan 28 2020 *Catheter-Related Infections in the Critically Ill* provides an overview from an international perspective on intravascular catheters and the risk of infection. This volume highlights: Epidemiology Diagnosis Impact of Infection Management and Treatment Prevention - including Education as the Primary Tool for Prevention The purpose of this book is to provide the practitioner with the most interesting and useful data in the field of catheter-related infection. It is hoped that the strategies to prevent infection detailed by the authors will be implemented and have a measurable impact in decreasing rates of infection in the intensive care unit setting.

Notes from the Museum of Northern Arizona Jun 01 2020

Encyclopedia of Agriculture and Food Systems Nov 18 2021 *Encyclopedia of Agriculture and Food Systems, Second Edition* addresses important issues by examining topics of global agriculture and food systems that are key to understanding the challenges we face. Questions it addresses include: Will we be able to produce enough food to meet the increasing dietary needs and wants of the additional two billion people expected to inhabit our planet by 2050? Will we be able to meet the need for so much more food while simultaneously reducing adverse environmental effects of today's agriculture practices? Will we be able to produce the additional food using less land and water than we use now? These are among the most important challenges that face our planet in the coming decades. The broad themes of food systems and people, agriculture and the environment, the science of agriculture, agricultural products, and agricultural production systems are covered in more than 200 separate chapters of this work. The book provides information that serves as the foundation for discussion of the food and environment challenges of the world. An international group of highly respected authors addresses these issues from a global perspective and provides the background, references, and linkages for further exploration of each of topics of this comprehensive work. Addresses important challenges of sustainability and efficiency from a global perspective. Takes a detailed look at the important issues affecting the agricultural and food industries today. Full colour throughout.

Naval Air Station, Fallon, Withdrawal of Bravo-20 Bombing Ranges, EA Jun 13 2021

Identity and Cultural Diversity Aug 15 2021 *Identity and Cultural Diversity* examines immigration and its effect on diversity from a social psychological perspective. Immigration increases cultural diversity and raises difficult questions of belonging, adaptation, and the unity of societies: questions of identity may be felt by people struggling with the basic problem of who they are and where they fit in, and although cultural diversity can enrich communities and societies it also sometimes leads to a new tribalism, which threatens democracy and social cohesion. The author Maykel Verkuyten considers how people give meaning to the fact that they belong to ethnic, racial, religious and national groups, and the implications this can have for social cohesion. The opening chapters consider the nature of social identity and group identification, and include discussions of identity development in adolescence, acculturation, and multiple and dual identities. Verkuyten then considers one of the most pernicious social problems: how conflict emerges from perceiving others as different. He examines when and why group distinctions grow into conflicts and considers the role of cultural diversity beliefs, such as multiculturalism and assimilation. The book concludes by exploring productive ways of managing cultural diversity. Written in an engaging style, *Identity and Cultural Diversity* will be essential reading for undergraduate and postgraduate students of social and cultural psychology and other social sciences, and it also makes key themes in social psychology accessible to a wider audience outside academia.

James Tiptree, Jr. Award Cumulative List Jul 26 2022

Ebook: Child Development: An Introduction Apr 30 2020 Accurate. Reliable. Engaging. These are just a few of the words used by adopters and reviewers of John Santrock's *Child Development*. The new topically-organised fourteenth edition continues with Santrock's highly contemporary tone and focus, featuring over 1,000 new citations. The popular Connections theme shows students the different aspects of children's development to help them better understand the concepts. Used by hundreds of thousands of students over thirteen editions, Santrock's proven learning goals system provides a clear roadmap to course mastery.

Transportation, Land Use, and Environmental Planning Sep 28 2022 *Transportation, Land Use, and Environmental Planning* examines the practices and policies linking transportation, land use and environmental planning needed to achieve a healthy environment, thriving economy, and more equitable and inclusive society. It assesses best practices for improving the performance of city and regional transportation systems, looking at such issues as public transit and non-motorized travel investments, mixed use and higher density urban development, radically transformed vehicles, and transportation systems. The book lays out the growing need for greater integration of transportation, land use, and environmental planning, looking closely at changing demographic needs, public health concerns, housing affordability, equity, and livability. In addition, strategies for achieving these desired outcomes are presented, including urban design and land use planning, regional and corridor-level transit plans, bike and pedestrian improvements, demand management strategies, and emerging technologies and services. The final part of the book examines implementation challenges, considering lessons from the US and around the globe at both local and regional levels. Introduces never-before-published research Offers best practices for transit,

cycling, urban design and housing provision Assesses emerging developments, such as smart cities, new vehicle technologies, automated highways and transportation sharing Examines the institutional and political dimensions of sustainability planning at the urban and regional levels Utilizes case studies from around the world that show alternative ways forward

Alzheimer's Disease and the Fornix Oct 05 2020 This e-book focuses primarily on the role of the fornix as a functional, prognostic, and diagnostic marker of Alzheimer's disease (AD), and the application of such a marker in clinical practice. Researchers have long been focused on the cortical pathology of AD, since the most important pathologic features are the senile plaques found in the cortex, and the neurofibrillary tangles and neuronal loss that start from the entorhinal cortex and the hippocampus. In addition to gray matter structures, histopathological studies indicate that the white matter is also altered in AD. The fornix is a white matter bundle that constitutes a core element of the limbic circuits, and is one of the most important anatomical structures related to memory. The fornices originate from the bilateral hippocampi, merge at the midline of the brain, again divide into the left and right side, and then into the precommissural and the postcommissural fibers, and terminate at the septal nuclei, nucleus accumbens (precommissural fornix), and hypothalamus (postcommissural fornix). These functional and anatomical features of the fornix have naturally captured researchers' attention as possible diagnostic and prognostic markers of AD. Growing evidence indicates that the alterations seen in the fornix are potentially a good marker with which to predict future conversion from mild cognitive impairment to AD, and even from a cognitively normal state to AD. The degree of alteration is correlated with the degree of memory impairment, indicating the potential for the use of the fornix as a functional marker. Moreover, there have been attempts to stimulate the fornix to recover the cognitive function lost with AD. Our goal is to provide information about the status of current research and to facilitate further scientific and clinical advancement in this topic.

The Eastern Reporter Sep 16 2021

Environmental Economics in Developing Countries Feb 21 2022 The COVID-19 pandemic has laid bare the vulnerabilities of socio-economic systems globally and exposed the risks that natural capital degradation imposes on human health, economy, and society. This book studies the environmental challenges faced by developing economies in a post-COVID-19 world. Exploring diverse case studies from South Asia and Sub-Saharan Africa, the volume discusses the impact that economic development and, recently, COVID-19 has had on the environment, ecology, and economy of these regions. It analyses nature conservation policies aimed at minimizing ecological damage arising from economic development and discusses the policy objectives of sustainable development. It also highlights the significant role that environmental economics networks have played in capacity building, framing of policies using ecological economics tools, and developing a local leadership trained in addressing local sustainability issues. An important contribution to the study of environmental economics of the Global South, the book will be of interest to students and researchers of economics, environment, development studies, development economics, environmental policies, and South Asia studies. It will also be useful for policymakers and NGOs working in this field.

Climate Change and Social Ecology Dec 07 2020 Although strategies to prevent global warming – such as by conserving energy, relying on solar and wind power, and reducing motor vehicle use – are well-known, societies have proved unable to implement these measures with the necessary speed. They have also been unwilling to confront underlying issues such as overconsumption, overpopulation, inequity, and dysfunctional political systems. Political and social obstacles have prevented the adoption of improved technologies, which would provide only a partial solution in any case if the fundamental causes of greenhouse gas emissions aren't addressed. *Climate Change and Social Ecology* takes a new approach to the climate crisis, portraying global warming as a challenge of rapid social evolution. This book argues that, in order to address this impending catastrophe and bring about more sustainable development, we must focus on improving social ecology – our values, mind-sets, and social organization. Steps to do this include institutional reforms to improve democracy, educational strategies to encourage public understanding of complex issues, and measures to prevent corporations and the wealthy from shaping societies in other directions instead. This book presents a captivating vision of how to help social systems evolve toward sustainability and explores the social transformations needed for dealing with the climate crisis in the long term. It reviews the climate change strategies considered to date, presents a detailed description of a future sustainable society, and analyzes how this vision might be realized through more conscious public nurturing of our social systems. This interdisciplinary volume provides a compelling rethink of the climate crisis. Authoritative and accessible, it will be of great interest to anyone concerned about climate change and sustainability challenges and is essential reading for students, professionals, and general readers alike.

Fifth International Visual Field Symposium Jul 02 2020 The 5th International Visual Field Symposium of the International Perimetric Society was held on October 20-23, 1982, in Sacramento, California, before the joint meeting of the International Congress of Ophthalmology and the American Academy of Ophthalmology. A majority of the members of the International Perimetric Society took part in the meeting together with many guests. The topics of the symposium were: glaucoma: correlation between the visual field and the optic disc; the visual field in low-tension glaucoma; neuro-ophthalmology and ergo-perimetry. Apart from this there were many papers on automated perimetry and general topics. The papers concerning the correlation of optic disc and visual field dealt with several aspects: peripapillary atrophy, defects in the retinal nerve fiber layer, fluorescein angiography and the characteristics of the glaucomatous excavation itself. New and interesting findings were presented showing that the careful, detailed observation of the disc and peripapillary area is rewarding. The visual fields in low-tension glaucoma were studied extensively by four groups. Various approaches to the problem have led to some differences in results, which were extensively discussed. In the general glaucoma session the visual fatigue phenomenon was

discussed extensively; apparently conflicting results were demonstrated regarding the stability of contrast threshold measurements during one and the same test session in glaucoma. The relationship between the visual field and the performance at the working place was considered in the session on ergo-perimetry.

Respect for the Ancestors Jan 08 2021 In 1996 on the banks of the Columbia River a 9,300-year old skeleton was found that would become the impetus for the first legal assault on the Native American Graves Protection and Repatriation Act (NAGPRA). The Kennewick Man, as it came to be called, put to test whether the American Indian tribes of the area were culturally affiliated with the skeleton as they claim and their oral traditions affirm, or whether the skeleton was affiliated with a people who are no longer present. At the same time, another 9,000-year old skeleton was found in the storage facility of the Nevada State Museum, where it had gone unnoticed for the past 50 years. Like the Kennewick Man, the Spirit Cave Mummy also brought to fore the question of cultural affiliation between contemporary American Indian tribes of the western Great Basin and those people who resided in the area during the Late Pleistocene and Early Holocene. Cultural anthropologist Peter N. Jones tackles these contentious questions in this landmark study, *Respect for the Ancestors*. For the first time in a single work, the question of cultural affiliation between the present-day American Indians of the American West and the people of the distant past is examined using multiple lines of evidence. Out of this comprehensive study, a picture of continuous cultural evolution and adaptation between the peoples of the ancient past and those of the present-day emerges from the evidence. Further, important implications for the field of anthropology are discussed as a result of this benchmark study. Anyone working in the American West today will benefit from this book.

Development and Application of Downscaled Hydroclimatic Predictor Variables for Use in Climate Vulnerability and Assessment Studies Aug 23 2019

Crop Adaptation to Climate Change Nov 25 2019 A major task of our time is to ensure adequate food supplies for the world's current population (now nearing 7 billion) in a sustainable way while protecting the vital functions and biological diversity of the global environment. The task of providing for a growing population is likely to be even more difficult in view of actual and potential changes in climatic conditions due to global warming, and as the population continues to grow. Current projections suggest that the world's temperatures will rise 1.8-4.0 by 2100 and population may reach 8 billion by the year 2025 and some 9 billion by mid-century, after which it may stabilize. This book addresses these critical issues by presenting the science needed not only to understand climate change effects on crops but also to adapt current agricultural systems, particularly in regard to genetics, to the changing conditions. *Crop Adaptation to Climate Change* covers a spectrum of issues related to both crops and climatic conditions. The first two sections provide a foundation on the factors involved in climate stress, assessing current climate change by region and covering crop physiological responses to these changes. The third and final section contains chapters focused on specific crops and the current research to improve their genetic adaptation to climate change. Written by an international team of authors, *Crop Adaptation to Climate Change* is a timely look at the potentially serious consequences of climate change for our global food supply, and is an essential resource for academics, researchers and professionals in the fields of crop science, agronomy, plant physiology and molecular biology; crop consultants and breeders; as well as climate and food scientists.

Bergin and Garfield's Handbook of Psychotherapy and Behavior Change Mar 30 2020 This revised edition has been updated to include changes that have taken place in the psychotherapy world and makes recommendations for future research and practice.

Preliminary Investigations in Stillwater Marsh Sep 04 2020

Advanced Quantitative Research Methods for Urban Planners May 12 2021 *Advanced Quantitative Research Methods for Urban Planners* provides fundamental knowledge and hands-on techniques about research, such as research topics and key journals in the planning field, advice for technical writing, and advanced quantitative methodologies. This book aims to provide the reader with a comprehensive and detailed understanding of advanced quantitative methods and to provide guidance on technical writing. Complex material is presented in the simplest and clearest way possible using real-world planning examples and making the theoretical content of each chapter as tangible as possible. Hands-on techniques for a variety of quantitative research studies are covered to provide graduate students, university faculty, and professional researchers with useful guidance and references. A companion to *Basic Quantitative Research Methods for Urban Planners*, *Advanced Quantitative Research Methods for Urban Planners* is an ideal read for researchers who want to branch out methodologically and for practicing planners who need to conduct advanced analyses with planning data.

Elgar Companion to Sustainable Cities Jan 20 2022 Against a backdrop of unprecedented levels of urbanization, 21st century cities across the globe share concerns for the challenges they face. This Companion provides a framework for understanding the city as a critical building block for a more sustain

Vulnerability and Adaptation to Climate Change in California Agriculture Apr 23 2022

The Routledge Handbook on Cities of the Global South Feb 09 2021 The renaissance in urban theory draws directly from a fresh focus on the neglected realities of cities beyond the west and embraces the global south as the epicentre of urbanism. This Handbook engages the complex ways in which cities of the global south and the global north are rapidly shifting, the imperative for multiple genealogies of knowledge production, as well as a diversity of empirical entry points to understand contemporary urban dynamics. The Handbook works towards a geographical realignment in urban studies, bringing into conversation a wide array of cities across the global south – the 'ordinary', 'mega', 'global' and 'peripheral'. With interdisciplinary contributions from a range of leading international experts, it profiles an emergent and geographically diverse body of work. The contributions draw on conflicting and divergent debates to open up discussion on the meaning of the city in, or of, the global south; arguments that are fluid and increasingly contested geographically and conceptually. It

reflects on critical urbanism, the macro- and micro-scale forces that shape cities, including ideological, demographic and technological shifts, and constantly changing global and regional economic dynamics. Working with southern reference points, the chapters present themes in urban politics, identity and environment in ways that (re)frame our thinking about cities. The Handbook engages the twenty-first-century city through a 'southern urban' lens to stimulate scholarly, professional and activist engagements with the city.

Sea Change Oct 29 2022 The unhappy child of two powerful parents who despise each other, young Lilly turns to the ocean to find solace, which she finds in the form of the eloquent and intelligent sea monster Octavius, a kraken. In Octavius's many arms, Lilly learns of friendship, loyalty, and family. When Octavius, forbidden by Lilly to harm humans, is captured by seafaring traders and sold to a circus, Lilly becomes his only hope for salvation. Desperate to find him, she strikes a bargain with a witch that carries a shocking price. Her journey to win Octavius's freedom is difficult. The circus master wants a Coat of Illusions; the Coat tailor wants her undead husband back from a witch; the witch wants her skin back from two bandits; the bandits just want some company, but they might kill her first. Lilly's quest tests her resolve, tries her patience, and leaves her transformed in every way. A powerfully written debut from a young fantasy author, S.M. Wheeler's *Sea Change* is an exhilarating tale of adventure, resilience, and selflessness in the name of friendship. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

Governance Networks for Sustainable Cities Sep 23 2019 This book explores the effectiveness of governance networks on the design and implementation of sustainability strategies. European cities are actively developing sustainability strategies to address the impact of climate change. One recent approach many cities have taken is the creation of 'governance networks': groups of public, private and third sector organisations, which collaborate to support urban sustainability efforts. Drawing on two case studies in Glasgow and Copenhagen, this book explores the concept of governance networks in theory and practice, revealing how stakeholder collaboration, leadership and innovation within these networks can help or hinder the process. It also highlights the many benefits of these networks, including increased participation in the decision-making process, increased levels of resources and expertise on sustainability issues, as well as stakeholder buy-in for sustainability policies. This book provides recommendations for improving the efficiency of governance networks and will be of interest to academics and practitioners working in the areas of urban governance and sustainability.

Decarbonising Cities Oct 17 2021 This book sets out some positive directions to move forward including government policy and regulatory options, an innovative GRID (Greening, Regenerative, Improvement Districts) scheme that can assist with funding and management, and the first steps towards an innovative carbon credit scheme for the built environment. Decarbonising cities is a global agenda with huge significance for the future of urban civilisation. Global demonstrations have shown that technology and design issues are largely solved. However, the mainstreaming of low carbon urban development, particularly at the precinct scale, currently lacks sufficient: standards for measuring carbon covering operational, embodied and transport emissions; assessment and decision-making tools to assist in design options; certifying processes for carbon neutrality within the built environment; and accreditation processes for enabling carbon credits to be generated from precinct-wide urban development. Numerous barriers are currently hindering greater adoption of high performance, low carbon developments, many of which relate to implementation and governance. How to enable and manage precinct-scale renewables and other low carbon technologies within an urban setting is a particular challenge.

Indian History Aug 03 2020 Rodeo researcher and writer Reba Perry Blakely discusses Indian history in the State of Washington, especially the Treaty of Walla Walla. She also attempts to interest the National Cowboy Hall of Fame in financing a book on the subject that she proposes to write and talks about her own family history.

Ecological Governance Dec 27 2019 Ecological degradation has been an object of concern for the international community since the early 1970s, but legal approaches that have been employed to improve the protection of ecosystems have failed to halt this decline. *Ecological Governance* explores how the law should respond to this rapid global deterioration of ecosystems by examining the foundational scientific and ethical considerations for designing laws that are effective for ecological protection. Based on these analyses, it argues that developed states should prioritise the reduction of the ecological stresses for which they are responsible in decision-making on their future courses. The author also proposes structures for governance and associated legal frameworks that would enable the formulation and implementation of policies for ecological sustainability.

The Future of the City Dec 19 2021 Drawing on the experience of several cities from different parts of the world, this text provides a global perspective on the urbanization phenomenon and tall building development, and examines their underlying logic, design drivers, contextual relationships and pitfalls.

Transport Nodal System Apr 11 2021 *Transport Nodal System* provides a comprehensive introduction to the development of transport nodes and nodal systems, focusing on economic, operational, management, planning, policy, regulation and sustainability perspectives. Through a deep analysis on different types of transport nodes from diverse perspectives, this book shows the major issues and challenges that transport node planners, managers, and policymakers face, and how to address them. The book provides a clear framework for identifying the common attributes across all nodes that contribute to the efficient operations, planning, and management of transport facilities. Transport nodes such as seaports, inland terminals, airports, highways, and railroads are hubs in a multimodal transportation network that facilitate the smooth operation of passengers and freight. The book uniquely uses the transport node itself rather than a specific type of structure for a specific type of transport mode as the primary focus of analysis. While stressing the importance of transport nodes in developing efficient logistics and supply chains, the book also demonstrates that transport nodes are geographically embedded within a particular location, and that operations are inevitably affected by local factors, such as culture, the economy, the political and

regulatory environment and other institutions. Provides a unified look at multimodal transportation nodes to gain a better understanding of total system performance Includes numerous case studies from developed and emerging economies Uses an interdisciplinary approach where policy, regulations, economics, strategic management, operations, sustainability and technological innovation are considered together Features chapters by scholars who specialize in different transport modes (land, sea and air) Up-to-date outcomes utilizing author's original research provide a systematic investigation of the nodal system in both theory and practice

Computer Simulations of Surfaces and Interfaces Nov 06 2020 Studies of surfaces and interactions between dissimilar materials or phases are vital for modern technological applications. Computer simulation methods are indispensable in such studies and this book contains a substantial body of knowledge about simulation methods as well as the theoretical background for performing computer experiments and analyzing the data. The book is self-contained, covering a range of topics from classical statistical mechanics to a variety of simulation techniques, including molecular dynamics, Langevin dynamics and Monte Carlo methods. A number of physical systems are considered, including fluids, magnets, polymers, granular media, and driven diffusive systems. The computer simulation methods considered include both standard and accelerated versions. The simulation methods are clearly related to the fundamental principles of thermodynamics and statistical mechanics.

Deformation Mechanisms, Rheology and Tectonics Feb 27 2020 This book consists of 18 papers on deformation mechanisms, rheology and tectonics. The main approaches include experimental rock deformation, microstructural analysis, field structural studies, analogue and numerical modelling. New results on various topics are presented, ranging from brittle to ductile deformation and grain-scale to lithospherescale mechanisms. The volume contains review papers on several major current topics, such as the rheology of the lithospheric mantle and the mechanisms of exhumation of high-pressure tectonic units, as well as research papers on kinematic and mechanical analysis of rock deformation and related new techniques. Several contributions emphasize the increasing ability and wish of researchers to strengthen the links between small-scale physical mechanisms and large-scale tectonics. The volume will be of interest to academic and industrial researchers in the fields of structural geology, interactions between metamorphism, fluids and deformation, and large-scale tectonic processes.

Adaptation Strategies for Agricultural Sustainability in Yolo County, California Mar 22 2022

Sustainability Standards and Global Governance Oct 25 2019 This open access book focuses on the issue of sustainability standards from the perspective of both global governance frameworks and emerging economies. It stems from the recognition that the accelerated pace of economic globalization has generated production and consumption patterns that are generating sustainability concerns. Sustainability standards (and regulations) are increasingly being used in a bid to make global consumption and production more sustainable. Given the dense inter-connectedness of economic affairs globally, the use of sustainability standards has become a concern of global governance, who face the challenge of achieving a balance between the use of standards for genuine sustainability objectives, and not allowing them to turn into instruments of protectionism or coercion. The emerging economies, given their increasing engagement with the global economy, are most impacted by the use of sustainability standards. The emphasis of 'emerging economies' in this book is retained both by using case studies from these economies and by collating perceptions and assessments of those located in these economies. The case studies included span sectors such as palm oil, forestry, food quality, vehicular emissions and water standards, and address the problems unique to the emerging economies, including capacity building for compliance with standards, adapting international standards in domestic contexts and addressing the exclusion of small and medium enterprises etc. Complex interfaces and dynamics of a global nature are not limited to the thematic of this book but also extend to the process through which it was written. This book brings together insights from developed as well as emerging economies (Germany, India, Mexico, Brazil, Indonesia, Pakistan, Mexico and China). It also brings together scholars and practitioners to jointly ponder upon the conceptual aspects of the global frameworks for sustainability standards. This book is a very useful resource for researchers and practitioners alike, and provides valuable insights for policy makers as well.