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**Modeling Sociocultural Influences on Decision Making** Apr 19 2020 In our increasingly globally interconnected world, understanding and appreciating the sociocultural context within which individuals make their decisions is critical to developing successful partnerships. The collection of chapters in this volume illustrates how advances in information and social media technologies, as well as modeling and simulation tools, combined with the social sciences, can be leveraged to better understand how sociocultural context influences decision making. The chapters in this volume were contributed by leading experts from academia, industry, and government and provide: Insights into cross-cultural decision making based on recent international events, with grounding in an historical context Discussions of cutting-edge modeling techniques used today by professionals across multiple organizations and agencies Descriptions of specific cross-cultural decision making tools designed for use by laypeople and professionals Case studies on the role of cross-cultural decision making grounded in current events and (in many cases) military applications.

The Routledge Handbook of Magazine Research Oct 06 2021

Scholarly engagement with the magazine form has, in the last two decades, produced a substantial amount of valuable research. Authored by leading academic authorities in the study of magazines, the chapters in *The Routledge Handbook of Magazine Research* not only create an architecture to organize and archive the developing field of magazine research, but also suggest new avenues of future investigation. Each of 33 chapters surveys the last 20 years of scholarship in its subject area, identifying the major research themes, theoretical developments and interpretive breakthroughs. Exploration of the digital challenges and opportunities which currently face the magazine world are woven throughout, offering readers a deeper understanding of the magazine form, as well as of the sociocultural realities it both mirrors and influences. The book includes six sections: -Methodologies and structures presents theories and models for magazine research in an evolving, global context. -Magazine publishing: the people and the work introduces the roles and practices of those involved in the editorial and business sides of magazine publishing. -Magazines as textual communication surveys the field of contemporary magazines across a range of theoretical perspectives, subjects, genre and format questions. -Magazines as visual communication explores cover design, photography, illustrations and interactivity. -Pedagogical and curricular perspectives offers insights on undergraduate and graduate teaching topics in magazine research. -The future of the magazine form speculates on the changing nature of magazine research via its environmental effects, audience, and transforming platforms.

**Department of Defense Authorization for Appropriations for Fiscal Year 2012 and the Future Years Defense Program Dec 20 2022**

**Coronal Magnetometry** Nov 14 2019 Captures advances being made in the field of coronal magnetism, from theory to observations and instrumentation. This volume is a collection of research articles

on the subject of the solar corona, and particularly, coronal magnetism. The book was motivated by the Workshop on Coronal Magnetism: Connecting Models to Data and the Corona to the Earth, which was held 21 - 23 May 2012 in Boulder, Colorado, USA. This workshop was attended by approximately 60 researchers. Articles from this meeting are contained in this topical issue, but the topical issue also contains contributions from researchers not present at the workshop. This volume is aimed at researchers and graduate students active in solar physics. Originally published in Solar Physics, Vol. 288, Issue 2, 2013 and Vol. 289, Issue 8, 2014.

**Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations for 2013**  
Jan 21 2023

The role of the Court in Collective Redress Litigation : Comparative Report Jul 03 2021 The key question facing European policy-makers is how to enable collective redress proceedings without producing the undesirable consequences that are associated with the U.S. class action model. How is it possible to find the balance between providing compensation for legitimate claims and preventing unmeritorious claims? If the system encourages the vast majority of claims to be settled, how can it avoid the ‘blackmail effect’, which means it will be cheaper for defendants to settle unmeritorious claims than to fight them? How is it possible to avoid excessive transactional costs? etc. In this report, it is considered that one of the of the important safeguards against the abuses of the U.S. class action system could be the active role of the court in collective redress litigation. Research is needed to see what concrete judicial powers are the most important in that respect. This report tries to achieve this challenge. The first part of the report consists in a comparative analysis of national rules and case law in six Member States (United Kingdom (England & Wales), Germany, Italy, Portugal, Spain and Sweden) to identify which powers of the court in a collective redress trial ensure fair proceedings for both parties

and act as safeguards against potential abuses of the system. Cases have been selected to illustrate the issues that arise and some of the creative solutions that have been applied so far by the courts at each stage of a collective redress procedure. The second part of this report aims at looking ahead to ways in which recommendations for an optimal balanced framework for a European collective redress mechanism would be formulated. The result of the case analyses set out in this report attempts to demonstrate whether the European Union might be able to introduce an attractive approach towards collective redress which builds on previous knowledge by fusing different national approaches and provides benefits to consumers, competitors and the economy, without harmful risks.

Canopies in Aquatic Ecosystems: Integrating Form, Function, and Biophysical Processes Feb 10 2022

**Air Pollution Modeling and its Application XXIV** Oct 18 2022

Current developments in air pollution modelling are explored as a series of contributions from researchers at the forefront of their field. This newest contribution on air pollution modelling and its application is focused on local, urban, regional and intercontinental modelling; data assimilation and air quality forecasting; model assessment and evaluation; aerosol transformation. Additionally, this work also examines the relationship between air quality and human health and the effects of climate change on air quality. The work is comprised of selected papers presented at the 34th International Technical Meeting on Air Pollution Modelling and its Application held in Montpellier, France in 2015. The book is intended as reference material for students and professors interested in air pollution modelling at the graduate level as well as researchers and professionals involved in developing and utilizing air pollution models.

*Gaga Aesthetics* Sep 05 2021 Pop art has traditionally been the most visible visual art within popular culture because its main transgression is easy to understand: the infiltration of the “low” into

the “high”. The same cannot be said of contemporary art of the 21st century, where the term “Gaga Aesthetics” characterizes the condition of popular culture being extensively imbricated in high culture, and vice-versa. Taking Adorno and Horkheimer's "The Culture Industry" and Adorno's Aesthetic Theory as key touchstones, this book explores the dialectic of high and low that forms the foundation of Adornian aesthetics and the extent to which it still applied, and the extent to which it has radically shifted, thereby 'upending tradition'. In the tradition of philosophical aesthetics that Adorno began with Lukács, this explores the ever-urgent notion that high culture has become deeply enmeshed with popular culture. This is “Gaga Aesthetics”: aesthetics that no longer follows clear fields of activity, where “fine art” is but one area of critical activity. Indeed, Adorno's concepts of alienation and the tragic, which inform his reading of the modernist experiment, are now no longer confined to art. Rather, stirring examples can be found in phenomena such as fashion and music video. In addition to dealing with Lady Gaga herself, this book traverses examples ranging from Madonna's Madam X to Moschino and Vetements, to deliberate on the strategies of subversion in the culture industry.

**Handbook of Research on Perception-Driven Approaches to Urban Assessment and Design** Mar 19 2020 The creation of metropolitan areas is influenced by a wide array of factors, both practical and ecological. They can also be influenced by immaterial characteristics of a given area. The Handbook of Research on Perception-Driven Approaches to Urban Assessment and Design is a scholarly resource that assesses metropolitan development and its relation to the ecological and sustainability issues these areas face. Featuring coverage on a wide range of topics such as user-centered urban planning, perception of urban landscapes, and thermal comfort in urban contexts, this publication is geared toward professionals, practitioners, researchers, and students seeking relevant research on the effective planning of metropolitan areas and

their relation to the ecological and sustainability issues that face such areas.

### Assimilation of Remote Sensing Data into Earth System Models Jun

21 2020 In the Earth sciences, a transition is currently occurring in multiple fields towards an integrated Earth system approach, with applications including numerical weather prediction, hydrological forecasting, climate impact studies, ocean dynamics estimation and monitoring, and carbon cycle monitoring. These approaches rely on coupled modeling techniques using Earth system models that account for an increased level of complexity of the processes and interactions between atmosphere, ocean, sea ice, and terrestrial surfaces. A crucial component of Earth system approaches is the development of coupled data assimilation of satellite observations to ensure consistent initialization at the interface between the different subsystems. Going towards strongly coupled data assimilation involving all Earth system components is a subject of active research. A lot of progress is being made in the ocean–atmosphere domain, but also over land. As atmospheric models now tend to address subkilometric scales, assimilating high spatial resolution satellite data in the land surface models used in atmospheric models is critical. This evolution is also challenging for hydrological modeling. This book gathers papers reporting research on various aspects of coupled data assimilation in Earth system models. It includes contributions presenting recent progress in ocean–atmosphere, land–atmosphere, and soil–vegetation data assimilation.

*Corporate Credit Risk Management Sep 24 2020* The financial crisis has shown that a significant proportion of the assets held by large corporations are exposed to credit risk that must be managed. This doctoral thesis sets out to analyse the contextual and organisational framework within which these activities are set and the practices employed by professionals in the field. This analysis draws on a set of interview-based data from large corporations in

Europe and Brazil, predominantly from the chemical, energy, trading, and general manufacturing industries. Due to their diverse natures, the subjects of customer and financial institution counterparty credit risk are treated separately, addressing for each the organisation of the function, data acquisition process, and IT setup recommendable in order to effectively drive risk management, including a review for the practitioner to analyse his or her processes. A final chapter with analyses regarding trade credit insurance, sovereign risk, and quantitative special items rounds off the text making it into a comprehensive treatise on credit risk management in an industrial corporation.

*Satellite Precipitation Measurement* Mar 11 2022 This book offers a complete overview of the measurement of precipitation from space, which has made considerable advancements during the last two decades. This is mainly due to the Tropical Rainfall Measuring Mission (TRMM), the Global Precipitation Measurement (GPM) mission, CloudSat and a carefully maintained constellation of satellites hosting passive microwave sensors. The book revisits a previous book, *Measuring Precipitation from Space*, edited by V. Levizzani, P. Bauer and F. J. Turk, published with Springer in 2007. The current content has been completely renewed to incorporate the advancements of science and technology in the field since then. This book provides unique contributions from field experts and from the International Precipitation Working Group (IPWG). The book will be of interest to meteorologists, hydrologists, climatologists, water management authorities, students at various levels and many other parties interested in making use of satellite precipitation data sets. Chapter “TAMSAT” is available open access under a Creative Commons Attribution 4.0 International License via [link.springer.com](http://link.springer.com).

*Immune system modeling and analysis* May 01 2021 The rapid development of new methods for immunological data collection – from multicolor flow cytometry, through single-cell imaging, to



deep sequencing – presents us now, for the first time, with the ability to analyze and compare large amounts of immunological data in health, aging and disease. The exponential growth of these datasets, however, challenges the theoretical immunology community to develop methods for data organization and analysis. Furthermore, the need to test hypotheses regarding immune function, and generate predictions regarding the outcomes of medical interventions, necessitates the development of mathematical and computational models covering processes on multiple scales, from the genetic and molecular to the cellular and system scales. The last few decades have seen the development of methods for presentation and analysis of clonal repertoires (those of T and B lymphocytes) and phenotypic (surface-marker based) repertoires of all lymphocyte types, and for modeling the intricate network of molecular and cellular interactions within the immune systems. This e-Book, which has first appeared as a ‘Frontiers in Immunology’ research topic, provides a comprehensive, online, open access snapshot of the current state of the art on immune system modeling and analysis.

**Directions For Mathematics Research Experience For Undergraduates** May 21 2020 “The US National Science Foundation (NSF) Research Experiences for Undergraduates (REU) program in mathematics is now 25 years old, and it is a good time to think about what it has achieved, how it has changed, and where this idea will go next.” This was the premise of the conference held at Mt. Holyoke College during 21-22 June, 2013, and this circle of ideas is brought forward in this volume. The conference brought together diverse points of view, from NSF administrators, leaders of university-wide honors programs, to faculty who had led REUs, recent PhDs who are expected to lead them soon, and students currently in an REU themselves. The conversation was so varied that it justifies a book-length attempt to capture all that was suggested, reported, and said. Among the contributors are Ravi

Vakil (Stanford), Haynes Miller (MIT), and Carlos Castillo-Chavez (Arizona, President's Obama Committee on the National Medal of Science 2010-2012). This book should serve not only as a collection of speakers' notes, but also as a source book for anyone interested in teaching mathematics and in the possibility of incorporating research-like experiences in mathematics classes at any level, as well as designing research experiences for undergraduates outside of the classroom.

*Control Applications in Modern Power Systems* Dec 08 2021 The volume contains peer-reviewed proceedings of EPREC 2021 with a focus on control applications in the modern power system. The book includes original research and case studies that present recent developments in the control system, especially load frequency control, wide-area monitoring, control & instrumentation, optimization, intelligent control, energy management system, SCADA systems, etc. The book will be a valuable reference guide for beginners, researchers, and professionals interested in advancements in the control system.

**OECD Public Governance Reviews Skills for a High Performing Civil Service** Oct 26 2020 This report looks at the capacity and capabilities of civil servants of OECD countries and suggests approaches for addressing skills gaps through recruitment, development and workforce management

**Federal Register** Dec 16 2019

Integrative Study of the Mean Sea Level and Its Components Aug 24 2020 This volume presents the most recent results of global mean sea level variations over the satellite altimetry era (starting in the early 1990s) and associated contributions, such as glaciers and ice sheets mass loss, ocean thermal expansion, and land water storage changes. Sea level is one of the best indicators of global climate changes as it integrates the response of several components of the climate system to external forcing factors (including anthropogenic forcing) and internal climate variability. Providing long, accurate

records of the sea level at global and regional scales and of the various components causing sea level changes is of crucial importance to improve our understanding of climate processes at work and to validate the climate models used for future projections. The Climate Change Initiative project of the European Space Agency has provided a first attempt to produce consistent and continuous space-based records for several climate parameters observable from space, among them sea level. This book presents current knowledge of the sea level budget over the altimetry era and 20th century. Previously published in *Surveys in Geophysics*, Volume 38, Issue 1, 2017

Advanced Optimization Methods and Big Data Applications in Energy Demand Forecast Jul 23 2020 The use of data collectors in energy systems is growing more and more. For example, smart sensors are now widely used in energy production and energy consumption systems. This implies that huge amounts of data are generated and need to be analyzed in order to extract useful insights from them. Such big data give rise to a number of opportunities and challenges for informed decision making. In recent years, researchers have been working very actively in order to come up with effective and powerful techniques in order to deal with the huge amount of data available. Such approaches can be used in the context of energy production and consumption considering the amount of data produced by all samples and measurements, as well as including many additional features. With them, automated machine learning methods for extracting relevant patterns, high-performance computing, or data visualization are being successfully applied to energy demand forecasting.

**From Rebel to Ruler** Aug 04 2021 On the centennial of the founding of the Chinese Communist Party, the definitive history of how Mao and his successors overcame incredible odds to gain and keep power. Mao Zedong and the twelve other young men who founded the Chinese Communist Party in 1921 could hardly have

imagined that less than thirty years later they would be rulers. On its hundredth anniversary, the party remains in command, leading a nation primed for global dominance. Tony Saich tells the authoritative, comprehensive story of the Chinese Communist Party—its rise to power against incredible odds, its struggle to consolidate rule and overcome self-inflicted disasters, and its thriving amid other Communist parties' collapse. Saich argues that the brutal Japanese invasion in the 1930s actually helped the party. As the Communists retreated into the countryside, they established themselves as the populist, grassroots alternative to the Nationalists, gaining the support they would need to triumph in the civil war. Once in power, however, the Communists faced the difficult task of learning how to rule. Saich examines the devastating economic consequences of Mao's Great Leap Forward and the political chaos of the Cultural Revolution, as well as the party's rebound under Deng Xiaoping's reforms. Leninist systems are thought to be rigid, yet the Chinese Communist Party has proved adaptable. From Rebel to Ruler shows that the party owes its endurance to its flexibility. But is it nimble enough to realize Xi Jinping's "China Dream"? Challenges are multiplying, as the growing middle class makes new demands on the state and the ideological retreat from communism draws the party further from its revolutionary roots. The legacy of the party may be secure, but its future is anything but guaranteed.

Housing Policy in the United States Jul 15 2022 The fourth edition of *Housing Policy in the United States* refreshes its classic, foundational coverage of the field with new data, analysis, and comparative focus. This landmark volume offers a broad overview that synthesizes a wide range of material to highlight the significant problems, concepts, programs and debates that all define the aims, challenges, and milestones within and involving housing policy. Expanded discussion in this edition centers on state and local activity to produce and preserve affordable housing, the impact and the implications of reduced financial incentives for homeowners.

Other features of this new edition include: • Analysis of the impact of the Tax Cuts and Jobs Act of 2017 on housing- related tax expenditures; • Review of the state of fair housing programs in the wake of the Trump Administration’s rollback of several key programs and policies; • Cross- examination of U.S. housing policy and conditions in an international context. Featuring the latest available data on housing patterns and conditions, this is an excellent companion for graduate and advanced undergraduate courses in urban studies, urban planning, sociology and social policy, and housing policy.

**Interior, Environment, and Related Agencies Appropriations for 2015** Jun 02 2021

**Consumer Energy Conservation Behavior After Fukushima** Apr 12 2022 This book presents an in-depth empirical analysis of consumer response to alternative policies for energy conservation. Its main focus is on innovative policy instruments that have attracted increasing attention from academics and energy conservation practitioners alike: critical peak pricing, conservation requests, in-home displays, and home energy reports. The book investigates the effects of these policy instruments on residential demand for electricity. The data is drawn from a series of randomized field experiments for the years 2012–2013 in Japan, where serious concerns about power shortages have emerged in the wake of the nuclear disaster in Fukushima. By applying econometric techniques to the quantitative analysis of residential power consumption, the book demonstrates how consumers respond to innovative instruments for energy conservation. It also offers new perspectives on how these instruments can be used more effectively and explores the potential for their practical implementation. This highly informative book is essential reading for energy specialists in both academic and professional contexts.

Environmental Contaminants Sep 17 2022 This book addresses the measurement of environmental contaminants in water, air, and soil.

It also presents modifications of and improvements to existing control technologies for remediation of environmental contaminants. It covers improved designs of wastewater systems and innovations in designing newer membranes for water treatment. In addition, it includes two separate sections on the modelling and control of different existing and emerging pollutants. It covers major topics such as: pharmaceutical wastes, paper and pulp waste, poly aromatic hydrocarbons, mining dust, bioaerosols, endosulphan, biomass combustion, and landfill design aspects. It also features chapters on environmental exposure and modelling of aerosol deposition within human lungs. The content of this book will be of interest to researchers, professionals, and policymakers whose work involves environmental contaminants and related solutions.

**Operations in an Omnichannel World** Aug 16 2022 The world of retailing has changed dramatically in the past decade. Sales originating at online channels have been steadily increasing, and even for sales transacted at brick-and-mortar channels, a much larger fraction of sales is affected by online channels in different touch points during the customer journey. Shopper behavior and expectations have been evolving along with the growth of digital channels, challenging retailers to redesign their fulfillment and execution processes, to better serve their customers. This edited book examines the challenges and opportunities arising from the shift towards omni-channel retail. We examine these issues through the lenses of operations management, emphasizing the supply chain transformations associated with fulfilling an omni-channel demand. The book is divided into three parts. In the first part, “Omni-channel business models”, we present four studies that explore how retailers are adjusting their fundamental business models to the new omni-channel landscape. The second part, “Data-driven decisions in an omni-channel world”, includes five chapters that study the evolving data opportunities enabled by omni-channel retail and present specific examples of data-driven analyses. Finally, in the third part,

“Case studies in Omni-channel retailing”, we include four studies that provide a deep dive into how specific industries, companies and markets are navigating the omni-channel world. Ultimately, this book introduces the reader to the fundamentals of operations in an omni-channel context and highlights the different innovative research ideas on the topic using a variety of methodologies.

**Mediterranean Marine Mammal Ecology and Conservation** Oct 14 2019 Mediterranean Marine Mammal Ecology and Conservation, the latest edition of the Advances in Marine Biology series providing in-depth and up-to-date reviews on all aspects of marine biology since 1963, presents the latest information on Mediterranean marine mammal ecology and conservation. The series is well known for its excellent reviews and editing, and is now edited by Barbara E. Curry (University of Central Florida, USA), along with an internationally renowned Editorial Board. This serial will appeal to postgraduates and researchers in marine biology, fisheries science, ecology, zoology, and biological oceanography. Volumes cover all areas of marine science, both applied and basic, a wide range of topical areas from all areas of marine ecology, oceanography, fisheries management, molecular biology, and the full range of geographic areas from polar seas to tropical coral reefs. Reviews articles on the latest advances in marine biology Contains contributions from many leading figures in their fields of study Presents material that is widely used by managers, students, and academic professionals in the marine sciences

**The administration of examinations for 15-19 year olds in England** Mar 31 2021 This report from the Education Committee looks at the administration of examinations for 15-19 year olds in England. The Committee expresses serious concerns about incentives in the exam system and about competition on syllabus content. Incentives in the system should be changed so the downward pressure through the competition of exam boards is mitigated. The Committee considers a number of options to change

incentives, including: (i) A single board. This offers a simpler system, with no risk of competition, but the Committee believes the cost, risk and disruption outweigh the benefits; (ii) Franchising of subjects to exam boards. This removes syllabus competition, but again has downsides; (3) Or the current system of multiple boards. The Committee sees no benefit in competition on syllabus content, but the setting and marking of exams and associated administration, if properly regulated, could generate incentives and drive quality up, offering value for money to schools and colleges. The Committee also recommends the development of national syllabuses, accredited by Ofqual. The syllabuses would be developed by exam boards in conjunction with learned bodies and employer organisations and could therefore retain the benefits of competition on quality and the incentive for exam boards to innovate.

*Air Quality Management* Dec 28 2020 This book provides a wide overview of the issues related to managing of air quality in Canada. Learn about the air issues that have caused impacts to ecosystems or human health and hence been targeted to be managed. Discover how Canada's national governance involving a federal government along with provincial and territorial governments impacts the air quality management process. Understand how Canadians manage their air quality in context with the USA, their largest and closest neighbour. Benefit from the experience of 43 of Canada's most experienced air quality management professionals who share their insights into the state of air quality in Canada today, how it is managed, as well as giving a glimpse into the future.?

2012 GCSE English results Feb 22 2023 The 2012 GCSE English results prompted significant controversy, which ultimately resulted in an application for judicial review. This report sets out the background to these events and identifies lessons to be learned. The problems with GCSE English can be traced back to the 2007-09 development phase of the qualification- in particular the turbulence which resulted from the shift away from a mostly linear to a



modular system, combined with a high proportion of controlled assessment and generous marking tolerances. Exam board experts raised concerns at the time, but these were not acted upon by the regulator (the then-interim Ofqual). Further difficulties arose because of pressures from the school accountability system. The problems experienced with GCSE English in 2012 highlighted serious weaknesses in the moderation of speaking and listening, with consequences for grade awarding. The current status of Ofqual, as an independent regulator accountable to Parliament, is the right one. However, the Coalition Government is bringing in wholesale changes to GCSEs and A levels, to a tight timetable and at the same time. Ofqual must have systems in place. The Committee is also concerned that there is a rush towards separate exam systems for England, Wales and Northern Ireland, without careful reflection on what might be lost, or consensus that this is the right thing to do.

*Air Pollution Modeling and its Application XXIII* Jun 14 2022

Recent developments in air pollution modelling are explored as a series of contributions from researchers at the forefront of their field. This newest contribution on air pollution modelling and its application is focused on local, urban, regional and intercontinental modelling; data assimilation and air quality forecasting; model assessment and evaluation; aerosol transformation. Additionally, this work also examines the relationship between air quality and human health and the effects of climate change on air quality. The work derives from a series of papers presented at the 33rd International Technical Meeting on Air Pollution Modelling and its Application held in Miami, USA, August 27 - 31, 2013. The book is intended as reference material for students and professors interested in air pollution modelling at the graduate level as well as researchers and professionals involved in developing and utilizing air pollution models.

**Euro-Mediterranean Relations after the Arab Spring** Jan 29

2021 The 'Arab Spring' triggered paradigmatic shifts but, despite

these changes, much in the Euro-Mediterranean region remains the same. Utilising 'Logics of Action', an innovative theoretical framework designed to capture the complexity of political interaction in one of the fastest changing regions in the world, this book discusses developments in the region before and after the Arab Spring that can be characterised by a continuation of the norm. Expert contributors identify patterns of interaction between governmental institutions, economic entrepreneurs, religious groups and other diverse actors that withstood these historical changes and explore why these relationships have proved so robust. Connecting a unique sample of case studies on changing and persistent 'Logics of Action' within the Euro-Mediterranean space this book provides a pivotal contribution to our understanding of political interaction between North Africa, the Middle East and the European Union. Offering a completely new perspective on the events of the 'Arab Spring' it identifies something that seems paradoxical at first sight; persistence in times of radical change.

**Psychosocial Factors at Work in the Asia Pacific** May 13 2022

This book presents research and best practice examples from the Asia Pacific region to address the gap in global expertise on psychosocial factors at work. It explores practices in the region that promote healthy workplaces and workers by presenting research from around the globe on issues such as telework, small and medium-sized enterprises, disaster-struck areas, suicide prevention, and workplace client violence. It discusses practical, multidisciplinary efforts to address worker occupational health. Further, it explores psychosocial risk and prevention, as well as the significant role of cultural variations and practices in the diverse range of countries covered.

**Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations for 2016**

Jan 09 2022

**Computational Medicine in Data Mining and Modeling** Feb 27

2021 This book presents an overview of a variety of contemporary statistical, mathematical and computer science techniques which are used to further the knowledge in the medical domain. The authors focus on applying data mining to the medical domain, including mining the sets of clinical data typically found in patient's medical records, image mining, medical mining, data mining and machine learning applied to generic genomic data and more. This work also introduces modeling behavior of cancer cells, multi-scale computational models and simulations of blood flow through vessels by using patient-specific models. The authors cover different imaging techniques used to generate patient-specific models. This is used in computational fluid dynamics software to analyze fluid flow. Case studies are provided at the end of each chapter. Professionals and researchers with quantitative backgrounds will find *Computational Medicine in Data Mining and Modeling* useful as a reference. Advanced-level students studying computer science, mathematics, statistics and biomedicine will also find this book valuable as a reference or secondary text book.

#### The Global eBook Market: Current Conditions & Future Projections

Nov 19 2022 The Global eBook Report documents and analyses how ebook markets emerge in the US, UK, continental Europe, Brazil, China, India, Russia, and the Arab world. It combines the best available data and references to specialized local actors, with thematic chapters, focusing on critical policy debates and on key driving forces, notably ebook bestsellers and pricing strategies across European markets, self-publishing, government regulation, piracy, and the expanding impact of global players. The Global eBook Report is available for download from October 1st , 2013, at [www.global-ebook.com](http://www.global-ebook.com). A project of Rüdiger Wischenbart Content and Consulting.

**East Asian Development Model** Nov 26 2020 Given the impressive growth in East Asia after World War II, initially led by Japan, the region's development models have been scrutinized since

the 1980s. The shared Confucian cultural heritage, strong government guidance, and export led economies were often cited as contributors to the impressive growth. However, major changes have taken place in Asia on and around the turn of the century: Japan experienced two decades of economic slow-down, while World Bank figures reveal that China is poised to become the largest economy in the world in 2014, overtaking the United States. Bearing this in mind, is it even possible to formulate an East Asian development model in the context of a shifting twenty-first century? And if so, what is it? This book addresses this issue by looking at the economic, political and cultural perspectives of China, Japan and South Korea, focusing on dynamism and potential consensus regarding an East Asian development model. The chapters offer a historical background to the East Asian development model, as well as in-depth case studies of each of the countries concerned to show that whilst the East Asian development model does have distinct characteristics as compared with other areas, and other countries may draw some insights from the East Asian experience, it is not a panacea that fits all circumstances and fits all times. This book will be welcomed by students and scholars of Asian economics, Asian politics, international political economy and development studies.

**The Routledge Companion to Architectural Drawings and Models** Feb 16 2020 Architectural drawings and models are instruments of imagination, communication, and historical continuity. The role of drawings and models, and their ownership, placement, and authorship in a ubiquitous digital age deserve careful consideration. Expanding on the well-established discussion of the translation from drawings to buildings, this book fills a lacuna in current scholarship, questioning the significance of the lives of drawings and models after construction. Including emerging, well-known, and world-renowned scholars in the fields of architectural history and theory and curatorial practices, the thirty-five contributions define recent research in four key areas: drawing

sites/sites of knowledge construction: drawing, office, construction site; the afterlife of drawings and models: archiving, collecting, displaying, and exhibiting; tools of making: architectural representations and their apparatus over time; and the ethical responsibilities of collecting and archiving: authorship, ownership, copyrights, and rights to copy. The research covers a wide range of geographies and delves into the practices of such architects as Sir John Soane, Superstudio, Eugène-Emmanuel Viollet-le-Duc, Frank Lloyd Wright, Wajiro Kon, Germán Samper Gnecco, A+PS, Mies van der Rohe, and Renzo Piano.

*Leadership in the Eurozone* Nov 07 2021 Leadership of powerful states and organizations is crucial for the success of regional integration projects. This book offers a theoretical model explaining such leadership. By applying the model to eurozone governance and reform, the book combines innovative theorizing on leadership in regional and international affairs with original research on Economic and Monetary Union politics. Six in-depth case studies analyze the (non-)leadership of Germany and EU institutions in eurozone crisis management. Moreover, the book evaluates the eurozone's leadership record since the outbreak of its crisis and helps readers understand the leadership of collective actors, and the extent to which they can contribute to overcoming crisis and fostering European integration. In particular, the book investigates the under-researched questions of who provided leadership in the eurozone crisis and why, and which conditions are required to achieve successful leadership in the EU.

**Remote Sensing for Food Security** Jan 17 2020 This volume gathers a variety of applications for remote sensing of vegetation health (VH) and concretely shows how this information can be used in service of ending hunger and of ensuring future food security. In this book's ten chapters, Dr. Felix Kogan, one of the most prolific scientists in this sphere, shows how a new VH method, designed from operational environmental satellite data, can be used to provide

advanced predictions of agricultural losses, helping to enhance food security and reducing the number of hungry people. Topics covered include the scientific basis of the VH method, drought monitoring, prediction of short-term agricultural yield and crop insurance, and impacts of long term climate variability and change on food security. A short discussion on VH for human health-related topics such as detection and prediction of malaria and fire risk is included as well.

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