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community resilience to multiple environmental risks such as rising heat, water stress, and pollution. Blue-green infrastructure (BGI) is an Eco-DRR tool that is an under-explored paradigm and can respond as one common strategy to targets set by the Sustainable Development Goals (UNDP), Climate Agreements (UNEP), the Sendai Framework (UNISDR), and the New Urban Agenda (UNCHS). Highlighted here in a systematic way is the importance of blue-green infrastructures in resilience building. The purpose is to introduce readers to the challenging context of development and opportunity creation for Eco-DRR. The roles of policy, scientific research, and implementation are presented cohesively. An attractive proposition of the book is a collection of case studies from different parts of the world where integration of BGI is experimented with at various levels of success. It envisages that shared tacit experiences from the realm of practice will further strengthen explicit knowledge. The focus in this book is on need and context building, policy and science (investigation, analysis, and design), case studies, and a road map for the future in four successive parts. Each part is self-sufficient yet linked to its predecessor, successor, or both, as the case may be.

**Proposed Revisions to the Common Rule for the Protection of Human Subjects in the Behavioral and Social Sciences** Committee on Revisions to the Common Rule for the Protection of Human Subjects in Research in the Behavioral and Social Sciences 2014-12-31 Proposed Revisions to the Common Rule for the Protection of Human Subjects in the Behavioral and Social Sciences examines how to update human subjects protections regulations so that they effectively respond to current research contexts and methods. With a specific focus on social and behavioral sciences, this consensus report aims to address the dramatic alterations in the research landscapes that institutional review boards (IRBs) have come to inhabit during the past 40 years. The report aims to balance respect for the individual persons whose consent to participate makes research possible and respect for the social benefits that productive research communities make possible. The ethics of human subjects research has captured scientific and regulatory attention for half a century. To keep abreast of the universe of changes that factor into the ethical conduct of research today, the Department of Health and Human Services published an Advance Notice of Proposed Rulemaking (ANPRM) in July 2011. Recognizing that widespread technological and societal transformations have occurred in the contexts for and conduct of human research since the passage of the National Research Act of 1974, the ANPRM revisits the regulations mandated by the Act in a correspondingly comprehensive manner. Its proposals aim to modernize the Common Rule and to improve the efficiency of the work conducted under its auspices. Proposed Revisions to the Common Rule for the Protection of Human Subjects in the Behavioral and Social Sciences identifies issues raised in the ANPRM that are critical and feasible for the federal government to address for the protection of participants and for the advancement of the social and behavioral sciences. For each identified issue, this report provides guidance for IRBs on techniques to address it, with specific examples and best practice models to illustrate how the techniques would be applied to different behavioral and social sciences research procedures.

**Advanced Machine Learning Technologies and Applications** Aboul Ella Hassanien 2020-05-25 This book presents the refereed proceedings of the 5th International Conference on Advanced Machine Learning Technologies and Applications (AMLTA 2020), held at Manipal University Jaipur, India, on February 13 – 15, 2019, and organized in collaboration with the Scientific Research Group in Egypt (SRGE). The papers cover current research in machine learning, big data, Internet of Things, biomedical engineering, fuzzy logic and security, as well as intelligence swarms and optimization.

**Water Societies and Technologies from the Past and Present** Mark Altaweel 2018-11-26 Today our societies face great challenges with water, in terms of both quantity and quality, but many of these challenges have already existed in the past. Focusing on Asia, *Water Societies and Technologies from the Past and Present* seeks to highlight the issues that emerge or re-emerge across different societies and periods, and asks what they can tell us about water sustainability. Incorporating cutting-edge research and pioneering field surveys on past and present water management practices, the interdisciplinary contributors together identify how societies managed water resource challenges and utilised water in ways that allowed them to evolve, persist, or drastically alter their environment. The case studies, from different periods, ancient and modern, and from different regions, including Egypt, Sri Lanka, Cambodia, Southwest United States, the Indus Basin, the Yangtze River, the Mesopotamian floodplain, the early Islamic city of Sultan Kala in

Turkmenistan, and ancient Korea, offer crucial empirical data to readers interested in comparing the dynamics of water management practices across time and space, and to those who wish to understand water-related issues through conceptual and quantitative models of water use. The case studies also challenge classical theories on water management and social evolution, examine and establish the deep historical roots and ecological foundations of water sustainability issues, and contribute new grounds for innovations in sustainable urban planning and ecological resilience.

**An Introduction to Counselling** John McLeod 1998 This text is written in a clear, accessible style, covering all the core approaches to counselling. This second edition includes new chapters on systemic, feminist, narrative and multiculturalist approaches to counselling.

**Co-Creativity and Engaged Scholarship** Alex Franklin 2022-01-02 This open access book explores creative and collaborative forms of research praxis within the social sustainability sciences. The term co-creativity is used in reference to both individual methods and overarching research approaches. Supported by a series of in-depth examples, the edited collection critically reviews the potential of co-creative research praxis to nurture just and transformative processes of change. Included amongst the individual chapters are first-hand accounts of such as: militant research strategies and guerrilla narrative, decolonial participative approaches, appreciative inquiry and care-ethics, deep-mapping, photo-voice, community-arts, digital participatory mapping, creative workshops and living labs. The collection considers how, through socially inclusive forms of action and reflection, such co-creative methods can be used to stimulate alternative understandings of why and how things are, and how they could be. It provides illustrations of (and problematizes) the use of co-creative methods as overtly disruptive interventions in their own right, and as a means of enriching the transformative potential of transdisciplinary and more traditional forms of social science research inquiry. The positionality of the researcher, together with the emotional and embodied dimensions of engaged scholarship, are threads which run throughout the book. So too does the question of how to communicate sustainability science research in a meaningful way.

**Educational Differences (RLE Edu L)** Arthur Jensen 2012-05-16 Among particular issues discussed in this book are the problems of the cultural disadvantaged, the problems of devising psychological tests which are not biased towards any particular culture, the problems of minority groups of children in education and the relationship between heritability and teachability.

**Department of Defense Dictionary of Military and Associated Terms** 1973

**Anti-Piketty** Jean-Philippe Delsol 2017-03-01 Thomas Piketty's book *Capital in the Twenty-First Century* has enjoyed great success and provides a new theory about wealth and inequality. However, there have been major criticisms of his work. *Anti-Piketty: Capital for the 21st Century* collects key criticisms from 20 specialists—economists, historians, and tax experts—who provide rigorous arguments against Piketty's work while examining the notions of inequality, growth, wealth, and capital.

**Data Envelopment Analysis in the Financial Services Industry** Joseph C. Paradi 2017-11-21 This book presents the methodology and applications of Data Envelopment Analysis (DEA) in measuring productivity, efficiency and effectiveness in Financial Services firms such as banks, bank branches, stock markets, pension funds, mutual funds, insurance firms, credit unions, risk tolerance, and corporate failure prediction. Financial service DEA research includes banking; insurance businesses; hedge, pension and mutual funds; and credit unions. Significant business transactions among financial service organizations such as bank mergers and acquisitions and valuation of IPOs have also been the focus of DEA research. The book looks at the range of DEA uses for financial services by presenting prior studies, examining the current capabilities reflected in the most recent research, and projecting future new uses of DEA in finance related applications.

**The State of World Fisheries and Aquaculture 2020** FAO 2020-06-01 The 2020 edition of *The State of World Fisheries and Aquaculture* has a particular focus on sustainability. This reflects a number of specific considerations. First, 2020 marks the twenty-fifth anniversary of the Code of Conduct for Responsible Fisheries (the Code). Second, several Sustainable Development Goal indicators mature in 2020. Third, FAO hosted the International Symposium on Fisheries Sustainability in late 2019, and fourth, 2020 sees the finalization of specific FAO guidelines on sustainable aquaculture growth, and on social sustainability along value chains. While Part 1 retains the format of previous editions, the structure of the rest of the publication has been revised. Part 2 opens with a special



section marking the twenty fifth anniversary of the Code. It also focuses on issues coming to the fore, in particular, those related to Sustainable Development Goal 14 and its indicators for which FAO is the "custodian" agency. In addition, Part 2 covers various aspects of fisheries and aquaculture sustainability. The topics discussed range widely, from data and information systems to ocean pollution, product legality, user rights and climate change adaptation. Part 3 now forms the final part of the publication, covering projections and emerging issues such as new technologies and aquaculture biosecurity. It concludes by outlining steps towards a new vision for capture fisheries. The State of World Fisheries and Aquaculture aims to provide objective, reliable and up-to-date information to a wide audience – policymakers, managers, scientists, stakeholders and indeed everyone interested in the fisheries and aquaculture sector.

**Debt and Entanglements Between the Wars** Mr. Thomas J Sargent 2019-11-08 World War I created a set of forces that affected the political arrangements and economies of all the countries involved. This period in global economic history between World War I and II offers rich material for studying international monetary and sovereign debt policies. *Debt and Entanglements between the Wars* focuses on the experiences of the United States, United Kingdom, four countries in the British Commonwealth (Australia, New Zealand, Canada, Newfoundland), France, Italy, Germany, and Japan, offering unique insights into how political and economic interests influenced alliances, defaults, and the unwinding of debts. The narratives presented show how the absence of effective international collaboration and resolution mechanisms inflicted damage on the global economy, with disastrous consequences.

**Data Intelligence and Cognitive Informatics** I. Jeena Jacob 2021-01-08 This book discusses new cognitive informatics tools, algorithms and methods that mimic the mechanisms of the human brain which lead to an impending revolution in understating a large amount of data generated by various smart applications. The book is a collection of peer-reviewed best selected research papers presented at the International Conference on Data Intelligence and Cognitive Informatics (ICDICI 2020), organized by SCAD College of Engineering and Technology, Tirunelveli, India, during 8-9 July 2020. The book includes novel work in data intelligence domain which combines with the increasing efforts of artificial intelligence, machine learning, deep learning and cognitive science to study and develop a deeper understanding of the information processing systems.

**Expanding Opportunities and Building Competencies for Young People** 2005-01-01 Annotation The report articulates the key issues facing secondary education and presents a policy framework for decision makers in developing countries to transform their secondary education systems so as to meet the twin challenges of 'expanding access' and 'improving quality and relevance'.

**Global E-government** Latif Al-Hakim 2007 "Interest in e-government, both in industry and in academies, has grown rapidly over the past decade. This book provides helpful examples from practitioners and managers involving real-life applications; academics and researchers contribute theoretical insights"--Provided by publisher.

**From Cost to Performance Management** Catherine Stenzel 2003-07-25 Every manager is responsible for cost and performance management in one form or another. This book provides an unbiased survey and explanation of the cost and performance management approaches and methods currently available for application in business. Topics covered include cost management and performance management/measurement options including ABC/M, Total Quality Management, Supply Chain Management, and Balanced Scorecard. Contrasts with managerial accounting textbooks, which tend to be conceptual and theoretical and not easily adaptable to practical situations. Assists readers in choosing the best approach or blend of methods to address specific business problems. Supports learning through real-world applications. Provides a complete presentation of field-tested cost management and performance management/measurement options.

**The Leadership Challenge** James M. Kouzes 1996-12-06 Completely revised and updated I not only enjoyed it...I found myself constantly nodding and saying to myself, 'That's right! That's how it's done! That's what it feels like!' You certainly captured the essence of what I've found is at the heart of transforming leadership. -- Robert D. Haas, chairman and CEO, Levi Strauss & Co. The leadership book that outshines them all, updated for today's new business realities. With an expanded research base of 60,000 leaders, this second edition captures the continuing interest in leadership as a critical aspect of human organizations. It offers a broader scope of leaders in every industry and walk of life, including the

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education and nonprofit fields, and examines the era's hottest issues -- the new cynicism, the electronic global village, evolving employee-employer relationships -- in keeping pace with our ever-changing world. The classic five-point guide to better leadership, however, remains as useful as ever.

**The Leadership Challenge** James M. Kouzes 2017-04-17 The most trusted source of leadership wisdom, updated to address today's realities *The Leadership Challenge* is the gold-standard manual for effective leadership, grounded in research and written by the premier authorities in the field. With deep insight into the complex interpersonal dynamics of the workplace, this book positions leadership both as a skill to be learned, and as a relationship that must be nurtured to reach its full potential. This new seventh edition has been revised to address current challenges, and includes more international examples and a laser focus on business issues; you'll learn how extraordinary leaders accomplish extraordinary things, and how to develop your leadership skills and style to deliver quality results every time. Engaging stories delve into the fundamental roles that great leaders fulfill, and simple frameworks provide a primer for those who seek continuous improvement; by internalizing key insights and putting concepts into action, you'll become a more effective, more impactful leader. A good leader gets things done; a great leader aspires, inspires, and achieves more. This book highlights the differences between good and great, and shows you how to bridge the chasm between getting things done and making things happen. Gain deep insight into leadership's critical role in organizational health Navigate the shift toward team-oriented work relationships Motivate and inspire to break through the pervasive new cynicism Leverage the electronic global village to deliver better results Business is evolving at an increasingly rapid rate, and leaders must keep pace with the changes or risk stagnation. People work differently, are motivated differently, and have different expectations today—business as usual is quickly losing its effectiveness. *The Leadership Challenge* helps you stay current, relevant, and effective in the modern workplace.

**Structural Transformation in South Africa** Antonio Andreoni 2021 Taking South Africa as an important case study of the challenges of structural transformation, the book offers a new micro-meso level framework and evidence linking country-specific and global dynamics of change, with a focus on the current challenges and opportunities faced by middle-income countries.

**Handbook on Knowledge Management 1** Clyde Holsapple 2013-04-17 As the most comprehensive reference work dealing with knowledge management (KM), this work, consisting of 2 volumes, is essential for the library of every KM practitioner, researcher, and educator. Written by an international array of KM luminaries, its approx. 60 chapters approach knowledge management from a wide variety of perspectives ranging from classic foundations to cutting-edge thought, informative to provocative, theoretical to practical, historical to futuristic, human to technological, and operational to strategic. Novices and experts alike will refer to the authoritative and stimulating content again and again for years to come.

**Territorial tools for agro-industry development** Food and Agriculture Organization of the United Nations 2018-08-09 This sourcebook appraises these instruments and considers their nature and objectives, their potential benefits and challenges and the approaches used to implement them. It also examines the practices that have led to both successful and unsuccessful outcomes. The publication provides a comprehensive review of the potential of these tools to enhance value addition, deliver jobs, increase exports and provide markets for new and existing producers in the targeted territories. It notes, however, that implementation of these tools poses a number of challenges. For example, planners and practitioners sometimes use them interchangeably, thus ignoring the specificities of the investments, policies and processes required, and their expected outcomes. The sourcebook concludes that these tools have potential for catalytic impact, but planners need to make sound choices that respect demonstrated principles and follow good practices for effective design and implementation.

**Scottish Politics** Paul Cairney 2013-07-30 Fully revised, the new edition of this popular textbook provides an authoritative introduction to all aspects of contemporary Scottish politics and gives a full analysis of the SNP's first majority government. Fully revised, the new edition of this popular textbook provides an authoritative introduction to all aspects of contemporary Scottish politics and gives a full analysis of the SNP's first majority government.

**Methods and Concepts of Land Management: Diversity, Changes and New Approaches** Erwin Hepperle 2020-10-08 The peer reviewed papers in this new volume of the European Academy of Land Use and

Development (EALD) inform about investigations on the common subject «land management» - due to the interdisciplinary nature of the EALD from very different views. The spectrum of contributions covers regulations, governance and the implementation of land management as well as the assessment of relevant data supporting these tasks. Various approaches, methods, systems and understanding of the government's role in the different countries of Europe are highlighted. Committed to sustainability, the articles give evidence that Europe provides an experimental field for land management issues, and they enable to increase knowledge of new practices, to verify them and to learn from each other.

**Towards Interoperable Research Infrastructures for Environmental and Earth Sciences** Zhiming Zhao 2020-07-25 This open access book summarises the latest developments on data management in the EU H2020 ENVRIplus project, which brought together more than 20 environmental and Earth science research infrastructures into a single community. It provides readers with a systematic overview of the common challenges faced by research infrastructures and how a 'reference model guided' engineering approach can be used to achieve greater interoperability among such infrastructures in the environmental and earth sciences. The 20 contributions in this book are structured in 5 parts on the design, development, deployment, operation and use of research infrastructures. Part one provides an overview of the state of the art of research infrastructure and relevant e-Infrastructure technologies, part two discusses the reference model guided engineering approach, the third part presents the software and tools developed for common data management challenges, the fourth part demonstrates the software via several use cases, and the last part discusses the sustainability and future directions.

**The Irrigation and Water Supply Systems of Vijayanagara** Dominic J. Davison-Jenkins 1997 In This Book, The Author Explores How, With A Unique Mixture Of Science And Art, The Vijayanagara Kings Mastered And Controlled The Water Available To Provide For The Many And Varied Needs Of The Population, Both Urban And Agricultural. There Is Also A Relevance To The Wider Issues Concerning The Development Of Hydraulic Technology In General And Particularly In The Context Of Urban Settlement.

**Knowledge Management Tools and Techniques** Madanmohan Rao 2012-06-14 Knowledge management (KM) - or the practice of using information and collaboration technologies and processes to capture organizational learning and thereby improve business performance - is becoming one of the key disciplines in management, especially in large companies. Many books, magazines, conferences, vendors, consultancies, Web sites, online communities and email lists have been formed around this concept. This practical book focuses on the vast offerings of KM solutions—technology, content, and services. The focus is not on technology details, but on how KM and IT practitioners actually use KM tools and techniques. Over twenty case studies describe the real story of choosing and implementing various KM tools and techniques, and experts analyse the trends in the evolution of these technologies and tools, along with opportunities and challenges facing companies harnessing them. Lessons from successes and failures are drawn, along with roadmaps for companies beginning or expanding their KM practice. The introductory chapter presents a taxonomy of KM tools, identifies IT implications of KM practices, highlights lessons learned, and provides tips and recommendations for companies using these tools. Relevant literature on KM practices and key findings of market research groups and industry consortia such as IDC, Gartner and APQC, are presented. The majority of the book is devoted to case studies, featuring clients and vendors along the entire spectrum of solutions: hardware (e.g. handheld/wearable devices), software (e.g. analytics, collaboration, document management) and content (e.g. newsfeeds, market research). Each chapter is structured along the "8Cs" framework developed by the author: connectivity, content, community, commerce, community, capacity, culture, cooperation and capital. In other words, each chapter addresses how appropriate KM tools and technologies help a company on specific fronts such as fostering adequate employee access to knowledge bodies, user-friendly work-oriented content, communities of practice, a culture of knowledge, learning capacity, a spirit of cooperation, commercial and other incentives, and carefully measured capital investments and returns. Vendor history, product/service offerings, implementation details, client testimonials, ROI reports, and future trends are highlighted. Experts in the field then provide third-party analysis on trends in KM tools and technique areas, and recommendations for KM practitioners.

**The United Nations World Water Development Report 2020** UNESCO  
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2020-03-27 The 2020 edition of the WWDR, titled Water and Climate Change illustrates the critical linkages between water and climate change in the context of the broader sustainable development agenda. Supported by examples from across the world, it describes both the challenges and opportunities created by climate change, and provides potential responses - in terms of adaptation, mitigation and improved resilience - that can be undertaken by enhancing water resources management, attenuating water-related risks, and improving access to water supply and sanitation services for all in a sustainable manner. It addresses the interrelations between water, people, environment and economics in a changing climate, demonstrating how climate change can be a positive catalyst for improved water management, governance and financing to achieve a sustainable and prosperous world for all. The report provides a fact-based, water-focused contribution to the knowledge base on climate change. It is complementary to existing scientific assessments and designed to support international political frameworks, with the goals of helping the water community tackle the challenges of climate change, and informing the climate change community about the opportunities that improved water management offers in terms of adaptation and mitigation.

**China's Belt and Road** Jennifer Hillman 2021-03-23 China's massive, globe-spanning Belt and Road Initiative (BRI) seeks to build everything from railways, ports, and power plants to telecommunications infrastructure and fiber-optic cables. Chinese President Xi Jinping's signature foreign policy endeavor, BRI has the potential to meet developing countries' needs and spur economic growth, but its implementation creates risks that outweigh its benefits. Unless the United States offers an effective alternative, China could reorient global trade networks, set technical standards that would disadvantage non-Chinese companies, lock countries into carbon-intensive power generation, increase its political influence over countries, and acquire power projection capabilities for its military. The COVID-19 pandemic has made a U.S. response more urgent as the global economic contraction has accelerated the reckoning with BRI-related debt. **China's Belt and Road: Implications for the United States** proposes that the United States respond to BRI by putting forward an affirmative agenda of its own, drawing on its strengths and coordinating with allies and partners to promote sustainable, secure, and green development.

**Public Finance in China** Jiwei Lou 2008-01-31 Since 1980, China's economy has been the envy of the world. Its annual growth rate of more than 9 percent during this period makes China today the world's fourth-largest economy. And this sustained growth has reduced the poverty rate from 60 percent of the population to less than 10 percent. However, such rapid growth has also increased inequalities in income and access to basic services and stressed natural resources. The government seeks to resolve these and other issues by creating a 'harmonious society' -- shifting priorities from the overriding pursuit of growth to more balanced economic and social development. This volume compiles analyses and insights from high-level Chinese policy makers and prominent international scholars that address the changes needed in public finance for success in the government's new endeavor. It examines such key policy issues as public finance and the changing role of the state; fiscal reform and revenue and expenditure assignments; intergovernmental relations and fiscal transfers; and financing and delivery of basic public goods such as compulsory education, innovation, public health, and social protection. And it offers concrete recommendations for immediate policy changes and for China's future reform agenda. **Public Finance in China** is a must-read for specialists in public finance and for those seeking an understanding of the complex and daunting challenges China is facing.

**The Potato Crop** Hugo Campos 2019-12-03 This book is open access under a CC BY 4.0 license. This book provides a fresh, updated and science-based perspective on the current status and prospects of the diverse array of topics related to the potato, and was written by distinguished scientists with hands-on global experience in research aspects related to potato. The potato is the third most important global food crop in terms of consumption. Being the only vegetatively propagated species among the world's main five staple crops creates both issues and opportunities for the potato: on the one hand, this constrains the speed of its geographic expansion and its options for international commercialization and distribution when compared with commodity crops such as maize, wheat or rice. On the other, it provides an effective insulation against speculation and unforeseen spikes in commodity prices, since the potato does not represent a good traded on global markets. These two factors highlight the underappreciated and underrated role of the potato as a dependable nutrition security crop, one that can mitigate turmoil in world food supply and demand and political instability in some



developing countries. Increasingly, the global role of the potato has expanded from a profitable crop in developing countries to a crop providing income and nutrition security in developing ones. This book will appeal to academics and students of crop sciences, but also policy makers and other stakeholders involved in the potato and its contribution to humankind's food security.

*Handbook of Banana Production, Postharvest Science, Processing Technology, and Nutrition* Muhammad Siddiq 2020-09-15 A

comprehensive guide that covers the banana's full value chain - from production to consumption The banana is the world's fourth major fruit crop. Offering a unique and in-depth overview of the fruit's entire value chain, this important new handbook charts its progression from production through to harvest, postharvest, processing, and consumption. The most up-to-date data and best practices are drawn together to present guidelines on innovative storage, processing, and packaging technologies, while fresh approaches to quality management and the value-added utilization of banana byproducts are also explained. Additionally, the book examines the banana's physiology, nutritional significance, and potential diseases and pests. The book also Edited by noted experts in the field of food science, this essential text: Provides a new examination of the world's fourth major fruit crop Covers the fruit's entire value chain Offers dedicated chapters on bioactive and phytochemical compounds found in bananas and the potential of processing byproducts Gives insight into bananas' antioxidant content and other nutritional properties Identifies and explains present and possible effects of bioactive and phytochemical compounds Handbook of Banana Production, Postharvest Science, Processing Technology, and Nutrition offers the most far-reaching overview of the banana currently available. It will be of great benefit to food industry professionals specializing in fruit processing, packaging, and manufacturing banana-based products. The book is also an excellent resource for those studying or researching food technology, food science, food engineering, food packaging, applied nutrition, biotechnology, and more.

**The Construction Chart Book** CPWR--The Center for Construction Research and Training 2008 The Construction Chart Book presents the most complete data available on all facets of the U.S. construction industry: economic, demographic, employment/income, education/training, and safety and health issues. The book presents this information in a series of 50 topics, each with a description of the subject matter and corresponding charts and graphs. The contents of The Construction Chart Book are relevant to owners, contractors, unions, workers, and other organizations affiliated with the construction industry, such as health providers and workers compensation insurance companies, as well as researchers, economists, trainers, safety and health professionals, and industry observers.

**Global Value Chains in a Changing World** Deborah Kay Elms 2013 A collection of papers by some of the world's leading specialists on global value chains (GVCs). It examines how GVCs have evolved and the challenges they face in a rapidly changing world. The approach is multi-disciplinary, with contributions from economists, political scientists, supply chain management specialists, practitioners and policy-makers. Co-published with the Fung Global Institute and the Temasek

**Osteoporosis** 2012 There are a number of therapies and treatments available for the prevention of fragility fractures in people thought to be at risk, or to prevent further fractures in those who have already had one or more fragility fractures. However, identifying who will benefit from preventative treatment is imprecise. A number of risk assessment tools are available to predict fracture incidence over a period of time, and these may be used to aid decision making. These tools are limited in that they may not include all risk factors, or may lack details of some risk factors. Tools are dependent on the accuracy of the epidemiological data used to derive them and tools validated in other populations may not apply to the UK. Two tools, FRAX and QFracture, are available for use in the UK. It is not clear whether these tools are equally accurate and whether choice of tool should depend on circumstances. This short clinical guideline aims to provide guidance on the selection and use of risk assessment tools in the care of people who may be at risk of fragility fractures in all settings in which NHS care is received.

**Compelling Interest** Mitchell J. Chang 2003-03-12 In recent years American colleges and universities have become the locus of impassioned debates about race-conscious social policies, as conflicting theories clash over the ways to distribute the advantages of higher education in a fair and just manner. Just below the surface of these policy debates lies a complex tangle of ideologies, histories, grievances, and emotions that interfere with a rational analysis of the issues involved. As never before,

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the need for empirical research on the significance of race in American society seems essential to solving the manifest problems of this highly politicized and emotionally charged aspect of American higher education. The research evidence presented in this book has a direct relevance to those court cases that challenge race-conscious admission policies of colleges and universities. Though many questions still need to be addressed by future research, the empirical data collected to date makes it clear that affirmative action policies do work and are still very much needed in American higher education. This book also provides a framework for examining the evidence pertaining to issues of fairness, merit, and the benefits of diversity in an effort to assist courts and the public in organizing beliefs about race and opportunity.

**Modeling Creativity** Tom De Smedt 2013-02-01 Modeling Creativity (doctoral thesis, 2013) explores how creativity can be represented using computational approaches. Our aim is to construct computer models that exhibit creativity in an artistic context, that is, that are capable of generating or evaluating an artwork (visual or linguistic), an interesting new idea, a subjective opinion. The research was conducted in 2008-2012 at the Computational Linguistics Research Group (CLiPS, University of Antwerp) under the supervision of Prof. Walter Daelemans. Prior research was also conducted at the Experimental Media Research Group (EMRG, St. Lucas University College of Art & Design Antwerp) under the supervision of Lucas Nijs. Modeling Creativity examines creativity in a number of different perspectives: from its origins in nature, which is essentially blind, to humans and machines, and from generating creative ideas to evaluating and learning their novelty and usefulness. We will use a hands-on approach with case studies and examples in the Python programming language.

**Using Moodle** Jason Cole 2008 Developed by an extremely active open source community, Moodle is a sophisticated web-based course management system that's ideal for teaching remote online classes or as a way to supplement face-to-face learning. For anyone who is using-or thinking of using-this CMS, 'Using Moodle' is required reading.

**The Design Method** Sydney A. Gregory 2013-11-27

**Foundations of Library and Information Science** Richard Rubin 2004 The information infrastructure: libraries in context -- Information science: a service perspective -- Redefining the library: the impacts and implications of technological change -- Information policy: stakeholders and agendas -- Information policy as library policy: intellectual freedom -- Information organization: issues and techniques -- From past to present: the library's mission and its values -- Ethics and standards: professional practices in library and information science -- The library as institution: an organizational view -- Librarianship: an evolving profession -- Appendices. **Overcoming Inequalities in Schools and Learning Communities: Innovative Education for a New Century** Rocio Garcia-Carrion 2020-03-24 Educational inequalities have strongly impacted disadvantaged and underserved populations such as indigenous, Roma, migrant children, students with disabilities, and those affected by poverty. A wide array of research has contributed to explaining the mechanisms and effects of inequalities in the achievement patterns, dropout rates, disengagement in the school experiences of children and youth traditionally excluded. Research also suggests the negative consequences for child development - including cognitive, language, and social-emotional functioning - of poverty and lack of quality education in the early years. Consequently, the current unequal access to optimal learning environments for every single child to succeed in education and to have a better life perpetuates the exclusion and neglects their right to education for those minorities. This Research Topic aims at moving beyond causes and shed light upon effective solutions by providing successful pathways for integration and inclusion of the learners most heavily affected. Scholars worldwide are looking for successful actions with children, youth, and communities of learners historically underserved to overcome educational and social exclusion. These transformative approaches go beyond the deficit thinking and are grounded in theories, empirical evidence, and multidisciplinary interventions oriented towards achieving social impact, which refers to the extent to which those actions have contributed to improve a societal challenge. The international network of "Schools as Learning Communities" is advancing knowledge on deepening and expanding the impact of what has been defined as Successful Educational Actions (SEAs); that is, those interventions that improve students' achievement and social cohesion and inclusion in many diverse contexts, regardless the socioeconomic, national, and cultural environment of schools. Drawing on the evidence generated by this network of researchers to address the global challenge of inequality by studying educational actions oriented towards achieving social impact and

potentially transferrable to other contexts, this Research Topic aims at deepening on this approach. In short, our purpose is that the contributions included in this Research Topic contribute to reduce educational and social inequalities and especially benefit those populations most in need.