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**Hannele Niemi,Auli Toom,Arto
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Miracle of Education Hannele Niemi,Auli Toom,Arto Kallioniemi,2016-11-25 Finnish pupils success in international student assessment tests and the characteristics of the Finnish educational system are the focus of interest all around in the world The significance of Finnish educational policy and societal atmosphere are continuously discussed This book provides explanations answers and reflections to these questions Over 30 expert authors have contributed to this book by bringing their own specific research based points of view The second edition of the book introduces the new national curriculum for basic education that now provides guidelines for school based curricula Students learning with engagement and schools as learning communities are core visions of the reform The authors also reflect on the PISA 2012 results The book gives an example on how to use PISA information for national improvements In Finland all evaluations are enhancement led and this also includes PISA measurements The book illustrates how teaching and learning of different subjects is realized in Finnish schools and describes the essential characteristics and methods of teaching learning materials and research on these issues The book provides important insight and reflections to international researchers teachers students journalists and policy makers who are interested in teaching and learning in Finnish schools It shows the results of the systematic and persistent work that has been done on education and schooling in Finland The main features of education in Finland are Strong equity policy Teachers as autonomous and reflective academic experts Flexible educational structures and local responsibility for curriculum development Evaluation for improvements not for ranking No national testing no inspectorate Research based teacher education Teachers high competence in content knowledge and pedagogy Trust in education and teachers *Global Nutrition Report 2015* International Food Policy Research Institute,2015-09-15 As we move into the post 2015 era of the Sustainable Development Goals SDGs the world faces many seemingly intractable problems Malnutrition should not be one of them Countries that are determined to make rapid advances in malnutrition reduction can do so If governments want to achieve the SDG target of ending all forms of malnutrition by 2030 they have clear pathways to follow There are many levers to pull and this report provides many examples of countries that have done so Tackling malnutrition effectively is also key to meeting many other SDG targets Good nutrition signals the realization of people s rights to food and health It reflects a narrowing of the inequalities in our world Without good nutrition human beings cannot achieve their full potential When people s nutrition status improves it helps break the intergenerational cycle of poverty generates broad based economic growth and leads to a host of benefits for individuals families communities and countries Good nutrition provides both a foundation for human development and the scaffolding needed to ensure it reaches its full potential Good nutrition in short is an essential driver of sustainable development **Complementary and Alternative Medicinal Approaches for Enhancing Immunity** Mehwish Iqbal,2022-08-24 Ancient therapeutic systems have played a tremendous role in health preservation all around the globe for thousands of years even the earliest humans on earth had used these approaches along

with simple surgical procedures for the betterment of their health

Complementary and Alternative Medicinal Approaches for Enhancing Immunity examines various aspects of health and diseases and the importance of basic but essential factors for the preservation of health and management of diseases Concisely written the author discusses ancient ways to enhance self healing abilities and stimulate the immune system such as fasting meditation acupuncture cupping therapy balneotherapy and aromatherapy The importance of nutrition and diet is also examined as it plays a crucial role in the prevention and causation of diseases Additional features include Discusses how the integration of various CAM modalities helps in enhancing self healing abilities and boosts the human immune system Contains various topics from different systems of medicines that are taught widely as individual courses or discussed broadly in several institutes Reviews Eastern pharmacotherapy and how using certain herbs minerals and animal based products aids in maintaining health and alleviating diseases Using evidence based knowledge taken from ancient literature and recently published articles this book will inform readers on the importance of holistic health approaches and some ancient treatment modalities that enhance the immune system to combat diseases

Minerals Yearbook Mines Bureau, Geological Survey, Interior Department, 2018-04-19 The region of Europe and Central Eurasia defined in this volume encompasses territory that extends from the Atlantic Coast of Europe to the Pacific Coast of the Russian Federation It includes the British Isles Iceland and Greenland a self governing part of the Kingdom of Denmark Included are mineral commodity outlook tables plus global overview research for particularly commodities within a specific regions countries are presented throughout the text Manufacturers of these metals and commodities along with trade brokers that may specialize in imports and exports political scientists and economists may also be interested in this volume Students pursuing research on specific metals and mineral commodities for world economy courses may be interested in this volume

Future Proteins Brijesh K Tiwari, Laura E Healy, 2023-06-23 Future Proteins Sources Processing Applications and the Bioeconomy presents sources of alternative proteins and the novel processing technologies associated with these new proteins including their vast food and non food applications and their contributions to the circular economy that ties them together Broken into three sections chapters focus on alternative proteins including cereals legumes and pulses fungi seafoods insects and others before assessing novel production technologies and alternative protein applications Through the use of content features specifically definitions case studies recent developments data and methods this reference assists readers in understanding how to apply current knowledge and techniques to their research This book is intended for any stakeholders involved in the alternative protein industry as it provides a clear and comprehensive review of the industry It will be of interest to food scientists technologists food industry personnel academics and graduate students researching this and related topics Discusses the various industrial applications of the proposed proteins from powdered algal for the nutraceuticals market to insect pastas and bacterial protein flour Provides a comprehensive overview of recent advances on the identification of potentially important compounds in these alternative proteins Outlines advances in proteins

characterization processing and purification techniques Focuses on biologically active proteins and their beneficial impact on humans Addresses implications for legislation that forward novel foods **Minerals Yearbook** Mines Bureau, Geological Survey, Interior Department, 2018-04-19 The region of Europe and Central Eurasia defined in this volume encompasses territory that extends from the Atlantic Coast of Europe to the Pacific Coast of the Russian Federation It includes the British Isles Iceland and Greenland a self governing part of the Kingdom of Denmark Included are mineral commodity outlook tables plus global overview research for particularly commodities within a specific regions countries are presented throughout the text Manufacturers of these metals and commodities along with trade brokers that may specialize in imports and exports political scientists and economists may also be interested in this volume Students pursuing research on specific metals and mineral commodities for world economy courses may be interested in this volume **Social Commerce** Efraim Turban, Judy Strauss, Linda Lai, 2015-11-17 This is a multidisciplinary textbook on social commerce by leading authors of e commerce and e marketing textbooks with contributions by several industry experts It is effectively the first true textbook on this topic and can be used in one of the following ways Textbook for a standalone elective course at the undergraduate or graduate levels including MBA and executive MBA programs Supplementary text in marketing management or Information Systems disciplines Training courses in industry Support resources for researchers and practitioners in the fields of marketing management and information management The book examines the latest trends in e commerce including social businesses social networking social collaboration innovations and mobility Individual chapters cover tools and platforms for social commerce supporting theories and concepts marketing communications customer engagement and metrics social shopping social customer service and CRM contents the social enterprise innovative applications strategy and performance management and implementing social commerce systems Each chapter also includes a real world example as an opening case application cases and examples exhibits a chapter summary review questions and end of chapter exercises The book also includes a glossary and key terms as well as supplementary materials that include PowerPoint lecture notes an Instructor's Manual a test bank and five online tutorials *New Directions in Science and Environmental Communication: Understanding the Role of Online Video-Sharing and Online Video-Sharing Platforms for Science and Research Communication* Joachim Allgaier, Asheley R. Landrum, 2022-02-11 **Food Science and Nutrition: Breakthroughs in Research and Practice** Management Association, Information Resources, 2018-02-02 Health and nutrition has become a global focal point as the population continues to grow exponentially While providing food for the global population is crucial it is also necessary to provide options that are nutritious in order to promote healthier lifestyles around the world Food Science and Nutrition Breakthroughs in Research and Practice is an innovative reference source for the latest academic material on how dietary nutrition can impact people's lives prevent disease and maintain an overall healthier lifestyle Highlighting a range of topics such as health preservation functional foods and herbal remedies this publication is ideally

designed for researchers academics students policy makers government officials and technology developers **Where Do We Go From Here?** Beth R. Bernhardt, Leah H. Hinds, Katina P. Strauch, 2016-11-15 Over one hundred presentations from the 35th annual Charleston Library Conference held November 4-7 2015 are included in this annual proceedings volume Major themes of the meeting included streaming video analysis and assessment demand driven acquisition the future of university presses and open access publishing While the Charleston meeting remains a core one for acquisitions librarians in dialog with publishers and vendors the breadth of coverage of this volume reflects the fact that this conference is now one of the major venues for leaders in the publishing and library communities to shape strategy and prepare for the future Almost 1 800 delegates attended the 2015 meeting ranging from the staff of small public library systems to the CEOs of major corporations This fully indexed copyedited volume provides a rich source for the latest evidence based research and lessons from practice in a range of information science fields The contributors are leaders in the library publishing and vendor communities **The Capacity Crisis in Disaster Risk Management** Asmita Tiwari, 2015-03-05 How can a place be built and managed so that it is safe for people to live Ironically many governments and citizens keep on asking the same question after every new disaster Why even with high levels of investment in increasing government's capacity to manage disasters do the impacts of disasters continue to increase What can the governments do differently What is the role of local communities Where should aid agencies invest This book looks into these critical questions and highlights how current capacity development efforts might be resulting in the opposite capacity crisis or capability trap The book provides a new approach for the understanding and the developing of effective local capacity to reduce and manage future disaster impacts

E-Planning and Collaboration: Concepts, Methodologies, Tools, and Applications Management Association, Information Resources, 2018-06-04 As population growth accelerates researchers and professionals face challenges as they attempt to plan for the future E planning is a significant component in addressing the key concerns as the world population moves towards urban environments E Planning and Collaboration Concepts Methodologies Tools and Applications contains a compendium of the latest academic material on the emerging interdisciplinary areas of e planning and collaboration Including innovative studies on data management urban development and crowdsourcing this multi volume book is an ideal source for planners policymakers researchers and graduate students interested in how recent technological advancements are enhancing the traditional practices in e planning **Agricultural Development and Food Security in Developing Nations** Ganpat, Wayne G., Dyer, Ronald, Isaac, Wendy-Ann P., 2016-10-19 The development of sustainable agricultural systems is an imperative aspect of any country but particularly in the context of developing countries Lack of progress in these initiatives can have negative effects on the nation as a whole Agricultural Development and Food Security in Developing Nations is a pivotal reference source for the latest scholarly material on promoting advancements in agricultural systems and food security in developing economies Highlighting impacts on citizens as well as on political and social

environments of a country this book is ideally designed for students professionals policy makers researchers and practitioners interested in recent developments in the areas of agriculture

Critical Issues in Global Sport Management Nico Schulenkorf, Stephen Frawley, 2016-10-04 The social cultural and economic significance of sport has never been more evident than it is today Adopting a critical management perspective this book examines the most important themes and challenges in global sport management From match fixing doping bribery and corruption to corporate social responsibility governance and new media it helps students researchers and practitioners to understand the changing face of the global sport industry Written by leading international sport management experts Critical Issues in Global Sport Management includes twenty chapters and real life case studies from around the world It examines contemporary governance and management issues as well as the ethical challenges faced by the global sport industry including questions of integrity and accountability in recent drug scandals that have been widely reported and debated This book deals with such questions and many more highlighting the fact that the global sport system is in urgent need of new and innovative solutions to these ongoing problems Based on cutting edge research from the US UK Australia Europe and beyond this book will add depth and currency to any course in sport management sport business sport development or sport events

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Smart Cities and Smart Spaces: Concepts, Methodologies, Tools, and Applications Management Association, Information Resources, 2018-09-07 As populations have continued to grow and expand many people have made their homes in cities around the globe With this increase in city living it is becoming vital to create intelligent urban environments that efficiently support this growth and simultaneously provide friendly and progressive environments to both businesses and citizens alike Smart Cities and Smart Spaces Concepts Methodologies Tools and Applications is an innovative reference source that discusses social economic and environmental issues surrounding the evolution of smart cities Highlighting a range of topics such as smart destinations urban planning and intelligent communities this multi volume book is designed for engineers architects facility managers policymakers academicians and researchers interested in expanding their knowledge on the emerging trends and topics involving smart cities

Bioceramic Coatings for Medical Implants Robert B. Heimann, Hans D. Lehmann, 2015-05-26 Reflecting the progress in recent years this book provides in depth information on the preparation chemistry and engineering of bioceramic coatings for medical implants It is authored by two renowned experts with over 30 years of experience in industry and academia who know the potentials and pitfalls of the techniques concerned Following an introduction to the principles of biocompatibility they present the structures and properties of various bioceramics from alumina to zirconia The main part of the work focuses on coating technologies such as

chemical vapor deposition sol gel deposition and thermal spraying There then follows a discussion of the major interactions of bioceramics with bone or tissue cells complemented by an overview of the in vitro testing methods of the biomineralization properties of bioceramics The text is rounded off by chapters on the functionalization of bioceramic coatings and a look at future trends As a result the authors bring together all aspects of the latest techniques for designing depositing testing and implementing improved and novel bioceramic coating compositions providing a full yet concise overview for beginners and professionals

Understanding Smart Cities: A Tool for Smart Government or an Industrial Trick? Leonidas G. Anthopoulos, 2017-04-13 This book investigates the role of smart cities in the broader context of urban innovation and e government identifies what a smart city is in practice and highlights their importance to the welfare of society The book offers specific measurable and action oriented public sector planning and management principles and ideas for smart governance in the era of global urbanization and innovation to help with the challenges in maintaining the democratic system of checks and balances as well as the division of powers in a highly interconnected world The book will be of interest researchers practitioners students and public sector IT professionals that work within innovation management public administration urban technologies and urban innovation and public local administration studies

A Critical Reflection on Automated Science Marta Bertolaso, Fabio Sterpetti, 2020-02-05 This book provides a critical reflection on automated science and addresses the question whether the computational tools we developed in last decades are changing the way we humans do science More concretely Can machines replace scientists in crucial aspects of scientific practice The contributors to this book re think and refine some of the main concepts by which science is understood drawing a fascinating picture of the developments we expect over the next decades of human machine co evolution The volume covers examples from various fields and areas such as molecular biology climate modeling clinical medicine and artificial intelligence The explosion of technological tools and drivers for scientific research calls for a renewed understanding of the human character of science This book aims precisely to contribute to such a renewed understanding of science

Applying Data Science and Learning Analytics Throughout a Learner's Lifespan Trajkovski, Goran, Demeter, Marylee, Hayes, Heather, 2022-05-06 Research in the domains of learning analytics and educational data mining has prototyped an approach where methodologies from data science and machine learning are used to gain insights into the learning process by using large amounts of data As many training and academic institutions are maturing in their data driven decision making useful scalable and interesting trends are emerging Organizations can benefit from sharing information on those efforts Applying Data Science and Learning Analytics Throughout a Learner's Lifespan examines novel and emerging applications of data science and sister disciplines for gaining insights from data to inform interventions into learners journeys and interactions with academic institutions Data is collected at various times and places throughout a learner's lifecycle and the learners and the institution should benefit from the insights and knowledge gained from this data Covering topics such as learning analytics dashboards text network

analysis and employment recruitment this book is an indispensable resource for educators computer scientists faculty of higher education government officials educational administration students of higher education pre service teachers business professionals researchers and academicians

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