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Minerals Yearbook Connecting America The National Broadband Plan DIANE Publishing Broadband is the great infrastructure challenge of the early 21st century. Broadband is a foundation for economic growth, job creation, global competitiveness and a better way of life. The number of Americans who have broadband at home has grown from 8 million in 2000 to nearly 200 million last year. But, 100 million Americans do not have broadband at home. In early 2009, Congress directed the FCC to develop a National Broadband Plan to ensure that every American has access to broadband capability. This plan must also include a strategy for achieving affordability and maximizing use of broadband. The plan presented here ensures that the entire broadband ecosystem, networks, devices, content and applications, is healthy. Illus. **Environmental Technologies, Intellectual Property and Climate Change Accessing, Obtaining and Protecting** Edward Elgar Publishing Many disciplines are relevant to combating climate change. This challenging book draws together legal, regulatory, geographic, industrial and professional perspectives and explores the role of technologies in addressing climate change through mitigation, adaptation and information gathering. It explores some key issues. Is intellectual property part of the solution, an obstacle to change or peripheral? Are there more important questions? Do they receive the attention they deserve? And from whom? This innovative book will play an important role in stimulating holistic discussion and action on an issue of key importance to society. Environmental Technologies, Intellectual Property and Climate Change will appeal strongly to scholars researching IP and climate change, as well as to a range of professionals including venture capitalists, practising lawyers working in IP, environmental and corporate finance law, activists within both climate change and human rights, and policymakers. **Discover Sociology** NULL SAGE Publications Discover Sociology explores sociology as a discipline of curious minds, with the theoretical, conceptual, and empirical tools needed to understand, analyze, and even change the world. Organized around the four main themes of The Sociological Imagination, Power and Inequality, Technological Transformations of Society, and Globalization, every chapter in the book illuminates the social roots of diverse phenomena and institutions **Strengthening Forensic Science in the United States A Path Forward** National Academies Press Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators. **The World that Changes the World How Philanthropy, Innovation, and Entrepreneurship are Transforming the Social Ecosystem** John Wiley & Sons If there is an X PRIZE for collaborative thought leadership of the social ecosystem, this book would get it. Dr. Peter H. Diamandis Chairman and CEO, X PRIZE Foundation The World that Changes the World is thought leadership at its best—envisioning the future through reflection and analysis of past trends and contemporary challenges. Senator the Hon. Ursula Stephens Australian Parliamentary Secretary for Social Inclusion and the Voluntary Sector The multifaceted, multinational, multisectoral insights in this volume offer inspiration, ideas, and opportunity for action and impact. Dr. Melissa A. Berman President and CEO, Rockefeller Philanthropy Advisors, Inc. This is a comprehensive primer representing the diversity of perspectives that comprises the evolving global social ecosystem. Dr. Pamela Hartigan Director, Skoll Centre for Social Entrepreneurship, Saïd Business School, Oxford University The World that Changes the World puts together the pieces of this puzzle by explaining how these varied actors of the social ecosystem function and interact with each other. Matthew Bishop Co-Author, Philanthrocapitalism: How giving can save the world A valuable one-stop resource for the many players in, and observers of, the social ecosystem. Doug Miller Honorary President, European Venture Philanthropy Association The World that Changes the World should become the pocket guide for changemakers of the world in the same way that The Lonely Planet is for travelers of the world. Gib Bulloch Founder and Executive Director, Accenture Development Partnerships **International Anti-corruption Norms Their Creation and Influence on Domestic Legal Systems** Oxford University Press, USA This book traces the creation of international anti-corruption norms by states and other actors through four markedly different institutions: the Organisation for Economic Co-operation and Development, the United Nations, the Extractive Industries Transparency Initiative, and the Financial Action Task Force. Each of these institutions oversees an international instrument that requires states to combat corruption. Yet, only the United Nations oversees anti-corruption norms that take the sole form of a binding multilateral treaty. The OECD has, by contrast, fostered the development of the binding 1997 OECD Anti-Bribery Convention, as well as non-binding recommendations and guidance associated with treaty itself. In addition, the revenue transparency and anti-money laundering norms developed through the Extractive Industries Transparency Initiative and the Financial Action Task Force, respectively, take the form of non-binding instruments that have no relationship with multilateral treaties. The creation of international anti-corruption norms through non-binding instruments and informal institutions has the potential to privilege the interests of powerful states in ways that raise questions about the normative legitimacy of these institutions and the instruments they produce. At the same time, the anti-corruption instruments created under the auspices of these institutions also show that non-binding instruments and informal institutions carry significant advantages. The non-binding instruments in the anti-corruption field have demonstrated a capacity to influence domestic legal systems that is comparable to, if not greater than, that of binding treaties. With corruption and money laundering at the forefront of political debate, International Anti-Corruption Norms provides timely expertise on how states and international institutions grapple with these global problems. **Designing Online Learning A Primer for Librarians** ABC-CLIO This book provides an introduction and helpful guide to online education for librarians and educators in the K-12, public, and academic library settings. Today's librarians must be comfortable working in online learning environments, teaching information literacy courses, and supporting online students across curricula. With the rapid proliferation of the Internet and online technologies in the last decade, however, it is not uncommon for some library professionals to feel left behind. Designing Online Learning: A Primer for Librarians provides best practices for librarians who are unfamiliar with online education and need guidance in either developing an online course or providing support to faculty and students in online courses. This book offers practical guidance for librarians and educators serving a variety of users, including students and teachers in the K-12, public, and academic library communities. The authors provide a valuable introduction to online teaching and learning that details elementary technologies and technical standards, utilizes case studies that showcase successful programs, and identifies best practices for design, instructor development, and student assessment. **Communication and Information Technologies Annual [New] Media Cultures** Emerald Group Publishing This volume examines wide-ranging aspects of culture, communication, and [new] media broadly defined. Themes include the interplay between [new] media and any of the following: culture, communication, technology, convergence, the arts, cultural production, and cultural change in the digital age. **Handbook of Special Education** Routledge Special education is now an established part of public education in the United States—by law and by custom. However, it is still widely misunderstood and continues to be dogged by controversies related to such things as categorization, grouping, assessment, placement, funding, instruction, and a variety of legal issues. The purpose of this 13-part, 57-chapter handbook is to help profile and bring greater clarity to this sprawling and growing field. To ensure consistency across the volume, chapter authors review and integrate existing research, identify strengths and weaknesses, note gaps in the literature, and discuss implications for practice and future research. Key features include: Comprehensive Coverage—Fifty-seven chapters cover all aspects of special education in the United States including cultural and international comparisons. Issues & Trends—In addition to synthesizing empirical findings and providing a critical analysis of the status and direction of current research, chapter authors discuss issues related to practice and reflect on thinking. Categorical Chapters—In order to provide a comprehensive and comparative treatment of the twelve categorical chapters in section IV, chapter authors were asked to follow a consistent outline: Definition, Causal Factors, Identification, Behavioral Characteristics, Assessment, Educational Programming, and Trends and Issues. Expertise—Edited by two of the most accomplished scholars in special education, chapter authors include a carefully chosen mixture of established and rising young stars in the field. This book is an appropriate reference volume for anyone (researchers, scholars, graduate students, practitioners, policy makers, and parents) interested in the state of special education today: its research base, current issues and practices, and future trends. It is also appropriate as a textbook for graduate level courses in special education. **High Stakes: Girls' education in Afghanistan** Oxfam Millions of girls have entered school in Afghanistan, since the fall of the Taliban in 2001. It is one of the few good news stories of the last nine years. However, the deteriorating security situation and the international community's focus on stabilization and counter-insurgency rather than on long-term development means this good news story is in danger of turning bad. A new approach from both the Afghan government and donors is urgently required to hold onto the gains that have been made. This report is based on field research carried out in the summer of 2010 in 17 provinces out of a total of 34 in Afghanistan. It was conducted by Oxfam and 15 partner organizations, including 13 Afghan non-governmental organizations (NGOs) plus CARE and Swedish Committee of Afghanistan (SCA). **White-Collar Crime: The Essentials** SAGE White Collar Crime: The Essentials is a comprehensive, yet compact text addresses the most important topics in white collar crime, while allowing for more accessibility through cost. Author Brian Payne provides a theoretical framework and context for students and explores such timely topics as crimes by workers sales oriented systems, crimes in the health care system, crimes by criminal justice professionals and politicians, crimes in the educational system, crimes in the economic and technological systems, corporate crime, environmental crime, and others. This is an easily-supplemented resource for any course that covers white collar crime. **High School Graduation K-12 Strategies That Work** Corwin Press High-impact strategies to improve student outcomes Based on first-hand experiences from one of the world's fastest improving school systems, this comprehensive resource provides concrete, detailed, and research-based tools with particular attention to learning progressions. Scaffolded instruction and leadership strategies promote early and sound foundations in literacy and numeracy, build pathways to close achievement gaps, and emphasize character and citizenship development, among other strategies, to improve graduation rates. You'll also find: A multi-pronged approach that includes state, district and school level action points Sample tools and templates for planning and self-assessment Lessons learned from schools that have successfully implemented strategies **Student Engagement and Participation: Concepts, Methodologies, Tools, and Applications** Concepts, Methodologies, Tools, and Applications IGI Global The delivery of quality education to students relies heavily on the actions of an institution's administrative staff. Effective teaching strategies allow for the continued progress of modern educational initiatives. Student Engagement and Participation: Concepts, Methodologies, Tools, and Applications provides comprehensive research perspectives on the multi-faceted issues of student engagement and involvement within the education sector. Including innovative studies on learning environments, self-regulation, and classroom management, this multi-volume book is an ideal source for educators, professionals, school administrators, researchers, and practitioners in the field of education. **Following the Proceeds of Environmental Crime Fish, Forests and Filthy Lucre** Routledge Huge quantities of natural resources are illegally harvested and their proceeds laundered in the Asia-Pacific region, fostering corruption and undermining environmental governance. Most illegal exploitation and pollution occurs in countries with poor governance capacities, but much of the sale for profit and money laundering occurs in mature markets with well-developed governance capacities. Their asymmetrical enforcement capacities can complement each other. This book explores ways to combat illegal fishing and logging in Asia-Pacific region by the use of cooperative legal measures, particularly anti-money laundering and confiscation of proceeds techniques. Contributors to this volume cover themes including: the nature of transnational environmental crime; patterns in laundering of illicit fish and forest products; networks for distribution of illicit products; weaknesses in current systems for assurance of the legality of products; and international legal cooperation to enforce anti-money laundering laws in relation to illicit products. In considering these topics the book explores how the innovative use of anti-money laundering measures and the seizure of criminal proceeds can as policy options to combat transnational fishery and forestry crimes. The book will be of keen interest to scholars and students of environmental law and criminal law, and excellent use for practitioners in natural resources conservation law. **The Transatlantic Dialogue on Higher Education An Analysis of Cultural Narratives** Logos Verlag Berlin GmbH Based on the assumption that higher education policy

texts are cultural texts and can thus be interpreted as such, this dissertation has deconstructed some of the major cultural narratives inherent in US and European policy documents and analyzed them with regard to their function for the transatlantic dialogue. An analysis of cultural narratives brings to light underlying beliefs and perceptions prevailing in a particular culture. With regard to higher education policy, this means that a society's understanding of the function of education, but also hidden agendas and undisclosed objectives are revealed. Four such cultural narratives have been analyzed in this dissertation on the basis of a cultural critical approach which includes the Foucauldian theory of governmentality as well as aspects of postcolonial theory (Edward Said): the narrative of "coopetition," the narrative of decline, especially with regard to Humboldtian values and the alleged Americanization of European higher education, the narrative of the frontier and the question whether the Bologna Process can be read metaphorically as a European frontier myth, and the narrative of homeland security as it plays out in US education policy making. The analysis revealed that the transatlantic dialogue is shaped by interdependencies and a tug of war of cooperation and competition, but also that education fulfils different functions on both sides of the Atlantic. It also shows that globally, higher education has come to be seen as a major tool of governance. Thus, education policy documents can be regarded as highly relevant texts for a cultural critical analysis of the transatlantic dialogue from an American Studies perspective.

Routledge Handbook of Nuclear Proliferation and Policy *Routledge* This new Handbook is a comprehensive examination of the rich and complex issues of nuclear proliferation in the early 21st century. The future of the decades-long effort to prevent the further spread of weapons of mass destruction is at a crossroads today. If international nonproliferation efforts are to be successful, an integrated, multi-tiered response will almost certainly be necessary. A serious, thorough, and clear-eyed examination of the range of threats, challenges, and opportunities facing the international community is a necessary first step. This Handbook, which presents the most up-to-date analysis and policy recommendations on these critical issues by recognized, leading scholars in the field, intends to provide such an examination. The volume is divided into three major parts: Part I presents detailed threat assessments of proliferation risks across the globe, including specific regions and countries. Part II explains the various tools developed by the international community to address these proliferation threats. Part III addresses the proliferation risks and political challenges arising from nuclear energy production, including potential proliferation by aspiring states and nonstate groups. This Handbook will be of great interest to students and practitioners of nuclear proliferation, arms control, global governance, diplomacy, and global security and IR general.

Globalization at Risk *Yale University Press* History has declared globalization the winner of the 20th century. Globalization connected the world and created wealth unimaginable in the wake of the Second World War. But the financial crisis of 2008-09 has now placed at risk the liberal economic policies behind globalization. Engulfing the entire world, the crisis gave new fuel to the skeptics of the benefits of economic integration. Policy responses seem to favor anti-globalizers. New regulations could balkanize the global financial system, while widespread protectionist impulses might undo the Doha Round. Issues from climate change to national security may be used as convenient excuses to keep imports out, keep jobs at home, and to clamp down on global capital. Will globalization triumph or perish in the 21st century? What reforms make sense in the post-crisis world? International economists Gary Clyde Hufbauer and Kati Suominen argue that globalization has been a force of great good, one that needs to be actively advanced and honed. Drawing on the latest economic analyses, they reveal the drivers and effects of global finance and trade, lay out the key risks to globalization, and offer a practical policy roadmap for managing the challenges while increasing the gains. Vital reading for anyone in business, finance, foreign affairs, or economics, *Globalization at Risk* is sure to advance public debate on this defining issue of the 21st century.

Ready Or Not? Protecting the Public's Health from Diseases, Disasters, and Bioterrorism *DIANE Publishing* The severe budget cuts by fed., state, and local governments are leaving public health (PH) departments understaffed and without the basic capabilities required to respond to crises. Nearly 10 years ago during the 9/11 and anthrax tragedies, it became clear the PH system was out-of-date to face modern health threats -- and an historic investment was made to help upgrade the system. Significant progress was made to improve how we prevent, identify, and contain new disease outbreaks and bioterrorism threats and respond to the aftermath of natural disasters. Now, the economic situation is putting almost a decade of gains at risk. The latest budget cuts will exacerbate the vulnerable areas in U.S. emergency health preparedness. A print on demand report.

EFA Global Monitoring Report Technology for a Quieter America *National Academies Press* Exposure to noise at home, at work, while traveling, and during leisure activities is a fact of life for all Americans. At times noise can be loud enough to damage hearing, and at lower levels it can disrupt normal living, affect sleep patterns, affect our ability to concentrate at work, interfere with outdoor recreational activities, and, in some cases, interfere with communications and even cause accidents. Clearly, exposure to excessive noise can affect our quality of life. As the population of the United States and, indeed, the world increases and developing countries become more industrialized, problems of noise are likely to become more pervasive and lower the quality of life for everyone. Efforts to manage noise exposures, to design quieter buildings, products, equipment, and transportation vehicles, and to provide a regulatory environment that facilitates adequate, cost-effective, sustainable noise controls require our immediate attention. *Technology for a Quieter America* looks at the most commonly identified sources of noise, how they are characterized, and efforts that have been made to reduce noise emissions and experiences. The book also reviews the standards and regulations that govern noise levels and the federal, state, and local agencies that regulate noise for the benefit, safety, and wellness of society at large. In addition, it presents the cost-benefit trade-offs between efforts to mitigate noise and the improvements they achieve, information sources available to the public on the dimensions of noise problems and their mitigation, and the need to educate professionals who can deal with these issues. Noise emissions are an issue in industry, in communities, in buildings, and during leisure activities. As such, *Technology for a Quieter America* will appeal to a wide range of stakeholders: the engineering community; the public; government at the federal, state, and local levels; private industry; labor unions; and nonprofit organizations. Implementation of the recommendations in *Technology for a Quieter America* will result in reduction of the noise levels to which Americans are exposed and will improve the ability of American industry to compete in world markets paying increasing attention to the noise emissions of products.

Research Handbook on Intellectual Property and Climate Change *Edward Elgar Publishing* Written by a global group of leading scholars, this wide-ranging Research Handbook provides insightful analysis, useful historical perspective, and a point of reference on the controversial nexus of climate change law and policy, intellectual property law and policy, innovation policy, technology transfer, and trade. The contributors provide a unique review of the scientific background, international treaties, and political and institutional contexts of climate change and intellectual property law. They further identify critical conflicts and differences of approach between developed and developing countries. Finally they put forward and analyse the relevant intellectual property law doctrines and policy options for funding, developing, disseminating, and regulating the required technologies and their associated activities and business practices. The book will serve as a resource and reference tool for scholars, policymakers and practitioners looking to understand the issues at the interface of intellectual property and climate change.

Minerals Yearbook Metals and Minerals This volume, covering metals and minerals, contains chapters on approximately 90 commodities. In addition, this volume has chapters on mining and quarrying trends and on statistical surveying methods used by Minerals Information, plus a statistical summary.

Reconceptualizing Physical Education through Teaching Games for Understanding *Lulu.com*

Making Math Accessible to Students With Special Needs (Grades 9-12) Practical Tips and Suggestions (Grades 9-12) *Solution Tree Press* The purpose of *Making Math Accessible to Students With Special Needs* is to support everyone involved in mathematics education to become confident and competent with mathematics instruction and assessment so that 99% of students will be able to access enrolled grade-level mathematics. Six chapters address topics critical to effective mathematical instruction such as federal and state legislation, research-based instructional best practices in mathematics, and the selection, administration, and evaluation of accommodations for instruction and assessment. These topics are combined to offer teachers understandable, practical instructional procedures. The resource guides readers through the 5E instructional model, which provides an array of choices and strategies for providing high-quality instruction to all students. This resource actively engages readers through reflections and tasks in each chapter and can be used as a self-study professional development or as a group book study. Sample answers to tasks and reflections are found in the appendix, along with additional supports.

Web 2.0-Based E-Learning: Applying Social Informatics for Tertiary Teaching *IGI Global* "This book deals with Web 2.0 and how social informatics are impacting higher education practice, pedagogical theory and innovations"--Provided by publisher.

FirstSchool Transforming PreK-3rd Grade for African American, Latino, and Low-Income Children *Teachers College Press* FirstSchool is a groundbreaking framework for teaching minority and low-income children. This work discusses the research and practice to date that defines FirstSchool as a critical approach to closing the achievement and opportunity gaps. Changing the conversation from improving test scores to improving school experiences, it features lessons learned from eight elementary schools whose leadership and staff implemented sustainable changes in their classrooms and schools. The authors detail how to use education research and data to provide a rationale for change; how to promote professional learning that is genuinely collaborative and respectful; and how to employ developmentally appropriate teaching strategies that focus on the needs of minority and low-income children. "We can greatly benefit from applying the knowledge, experience, and wisdom of the authors of this important book to reforming early schooling, teaching, and learning for our most vulnerable children and thereby keep the promise of American democracy--namely, a level playing field and a chance to succeed fully on one's merits. As a nation we cannot continue to tolerate failure or make excuses when examples such as FirstSchool suggest a proven way forward." --From the Foreword by Aisha Ray, Senior Vice President for Academic Affairs, Dean of Faculty, Erikson Institute "Sharon Ritchie and Laura Gutmann have written a terrific book. FirstSchool is one of the few volumes that provides the details of this important educational innovation--a redesign of the pathway through which children enter public education. Given the formative importance of these early years of schooling and child development, this volume should be on the agenda of every school board meeting." --Robert Pianta, dean, Curry School of Education, director, Center for Advanced Study of Teaching and Learning, University of Virginia

Book Features: Case studies illustrating developmentally appropriate practices that can be applied across varied PreK-3 contexts. Key principles used by FirstSchool and its partners to reinvigorate the professionalism of teachers. Concrete guidance for choosing and using relevant data, enriching the curriculum, improving instruction, and developing home-school partnerships. Contributors: Cindy Bagwell, Richard M. Clifford, Carolyn T. Cobb, Gisele M. Crawford, Diane M. Early, Sandra C. García, Cristina Gillanders, Adam L. Holland, Iheoma U. Iruka, Jenille Morgan, Sam Oertwig Sharon Ritchie is the director of FirstSchool at the Frank Porter Graham Child Development Institute at the University of North Carolina at Chapel Hill. Laura Gutmann is a research assistant for the FirstSchool project with experience in nonprofit management and early childhood education.

Minerals Yearbook, 2008, V. 1, Metals and Minerals *Government Printing Office* Data are provided for more than 80 minerals and materials, along with a presentation of survey methods, summary statistics for domestic nonfuel minerals, and trends in mining and quarrying in the metals and industrial minerals industry in the United States. Virtually all metallic and industrial mineral commodities important to the U.S. economy are discussed. Background information enables analysis of the data, and covers production, consumption, prices, foreign trade, a world review, and an overall outlook.

Cochrane Handbook for Systematic Reviews of Interventions *Wiley* Healthcare providers, consumers, researchers and policy makers are inundated with unmanageable amounts of information, including evidence from healthcare research. It has become impossible for all to have the time and resources to find, appraise and interpret this evidence and incorporate it into healthcare decisions. Cochrane Reviews respond to this challenge by identifying, appraising and synthesizing research-based evidence and presenting it in a standardized format, published in The Cochrane Library (www.thecochranelibrary.com). The Cochrane Handbook for Systematic Reviews of Interventions contains methodological guidance for the preparation and maintenance of Cochrane intervention reviews. Written in a clear and accessible format, it is the essential manual for all those preparing, maintaining and reading Cochrane reviews. Many of the principles and methods described here are appropriate for systematic reviews applied to other types of research and to systematic reviews of interventions undertaken by others. It is hoped therefore that this book will be invaluable to all those who want to understand the role of systematic reviews, critically appraise published reviews or perform reviews themselves.

Early Education Curriculum: A Child's Connection to the World *Cengage Learning* EARLY EDUCATION CURRICULUM: A CHILD'S CONNECTION TO THE WORLD focuses on the role of observation and assessment in early childhood programming, the process of planning and implementing a curriculum, setting up an inclusive child-centered environment, and the uses of evaluation and documentation for continuous program improvement. Updated with current research and standards, the text continues to present new material on brain research that underlies teaching ideas as well as information on reflective practice, intentional teaching, and using the environment as a teaching tool. The seventh edition includes more material on diversity and diversity strategies, activity plans for different age groups, and more floor plans. New case studies provide examples of how activities planned align with specific standards, and allow students to apply knowledge gained to real-life situations. The book retains its strong applied focus on the how-to's of teaching, with many hands-on teaching tips. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

India Infrastructure Report 2012 Private Sector in Education *Routledge Today*, India's education sector remains a victim of poor policies, restrictive regulations and orthodoxy. Despite being enrolled in schools, children are not learning adequately. Increasingly, parents are seeking alternatives through private inputs in school and tuition. Students are dropping out from secondary school in spite of high financial returns of secondary education, and those who do complete it have inferior conceptual knowledge. Higher education is over-regulated and under-governed, keeping away serious private providers and reputed global institutes. Graduates from high schools, colleges and universities are not readily employable, and few are willing to pay for skill development. Ironically, the Right to Education Act, if strictly enforced, will result in closure of thousands of non-state schools, and millions of poor children will be left without access to education. Eleventh in the series, *India Infrastructure Report 2012* discusses challenges in the education sector -- elementary, secondary, higher, and vocational -- and explores strategies for constructive change and opportunities for the private sector. It suggests that immediate steps are required to reform the sector to reap the benefits from India's 'demographic dividend' due to a rise in the working age population. Result of a collective effort led by the IDFC Foundation, this Report brings together a range of perspectives from academics, researchers

and practitioners committed to enhancing educational practices. It will be an invaluable resource for policymakers, researchers and corporates. **Visual Mathematics and Cyberlearning** Springer Science & Business Media This first book in the series will describe the Net Generation as visual learners who thrive when surrounded with new technologies and whose needs can be met with the technological innovations. These new learners seek novel ways of studying, such as collaborating with peers, multitasking, as well as use of multimedia, the Internet, and other Information and Communication Technologies. Here we present mathematics as a contemporary subject that is engaging, exciting and enlightening in new ways. For example, in the distributed environment of cyber space, mathematics learners play games, watch presentations on YouTube, create Java applets of mathematics simulations and exchange thoughts over the Instant Messaging tool. How should mathematics education resonate with these learners and technological novelties that excite them? **Higher Education: Handbook of Theory and Research Volume 28** Springer Science & Business Media Published annually since 1985, the Handbook series provides a compendium of thorough and integrative literature reviews on a diverse array of topics of interest to the higher education scholarly and policy communities. Each chapter provides a comprehensive review of research findings on a selected topic, critiques the research literature in terms of its conceptual and methodological rigor, and sets forth an agenda for future research intended to advance knowledge on the chosen topic. The Handbook focuses on a comprehensive set of central areas of study in higher education that encompasses the salient dimensions of scholarly and policy inquiries undertaken in the international higher education community. Each annual volume contains chapters on such diverse topics as research on college students and faculty, organization and administration, curriculum and instruction, policy, diversity issues, economics and finance, history and philosophy, community colleges, advances in research methodology, and more. The series is fortunate to have attracted annual contributions from distinguished scholars throughout the world. **Power Shift The Global Political Economy of Energy Transitions** Cambridge University Press A novel, interdisciplinary account of the global politics of producing, financing, governing and mobilising energy system transformation. **Killing Without Heart Limits on Robotic Warfare in an Age of Persistent Conflict** Potomac Books, Inc. Today's wars have no definitive end in sight, are conducted among civilian populations, and are fought not only by soldiers but also by unmanned aerial vehicles. According to M. Shane Riza, this persistent conflict among the people and the trend toward robotic warfare has outpaced deliberate thought and debate about the deep moral issues affecting the military mission and the warrior spirit. The pace of change, Riza explains, is revolutionizing warfare in ways seldom discussed but vitally important. A key development is risk inversion, which occurs when all noncombatants are at greater risk than. **Consideration of Abiotic Natural Resources in Life Cycle Assessments** MDPI This book is a printed edition of the Special Issue "Consideration of Abiotic Natural Resources in Life Cycle Assessments" that was published in Resources **The Marriage and Family Experience: Intimate Relationships in a Changing Society** Cengage Learning **THE MARRIAGE & FAMILY EXPERIENCE: INTIMATE RELATIONSHIPS IN A CHANGING SOCIETY** brings together all elements of the course -- including intimate relationships, family policy, and family issues. Striking a balance between an academic and more functional approach, the authors draw from research to present a sound sociological and family studies base enhanced by perspectives from anthropology, history, psychology, journalism, literature, economics, and gender studies. The book explores recent research on topics such as adoptive parenting, the transgender experience, childbearing patterns, gay and lesbian families, communication and conflict resolution, the influence of popular culture, and working families. Real-life examples and a focus on self-assessment and reflection make the book accessible and encourage students to think and act for themselves. The thirteenth edition retains a progressive approach to diversity yet remains rooted in a positive, pro-family perspective. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. **Curriculum Innovations in Changing Societies Chinese Perspectives from Hong Kong, Taiwan and Mainland China** Springer Science & Business Media **dfg The All-Day Kindergarten and Pre-K Curriculum A Dynamic-Themes Approach** Routledge Grounded in theory and research, **The All-Day Kindergarten and Pre-K Curriculum** provides an activity-based and classroom-proven curriculum for educators to consider as they plan and interact with pre-k and kindergarten children. Allowing young children the opportunities to become independent, caring, critical thinkers who feel comfortable asking questions and exploring possible solutions, the Dynamic Themes Curriculum offers children the skills they need for responsible citizenship and academic progress. This book describes a culturally-sensitive pre-k and kindergarten curriculum in the context of literacy, technology, mathematics, social studies, science, the arts, and play, and also discusses: How to use the seven integrated conditions for learning to meet and exceed content learning standards How to organize for differentiated instruction and to integrate multiple forms of assessment How to teach literacy tools and skills in fresh ways How to work with families, colleagues, and community Building off of author Doris Fromberg's groundbreaking earlier work, **The All-Day Kindergarten and Pre-K Curriculum** presents a practical curriculum centering on how young children develop meanings. This is a fantastic resource for pre-and in-service early childhood teachers, administrators, and scholars. **The Information Needs of Communities The Changing Media Landscape in a Broadband Age** In 2009, a bipartisan Knight Commission found that while the broadband age is enabling an information and communications renaissance, local communities in particular are being unevenly served with critical information about local issues. Soon after the Knight Commission delivered its findings, The Federal Communications Commission (FCC) initiated a working group to identify crosscurrents and trends, and make recommendations on how the information needs of communities can be met in a broadband world. Steven Waldman and the FCC Working Group on the Information Needs of Communities produced this report, addressing the rapidly changing media landscape in a broadband age. The Information Needs of Communities looks not only at the changing face of media, but also at the relevant policy and regulatory situations, including the track record of the FCC. Finally, the report offers policy suggestions to help create the best media system ever seen.