

## Challenges And Prospects In The Implementation Of Nepad

'A highly challenging set of essays on sense-making in a public sector world that previously contained a dearth of relevant theory. Moving beyond the orthodoxies of policy and management, this work advances the critical position that post modernism must be relevant to practice by building from the narratives of empowered practitioners faced with finding solutions that go beyond traditional boundaries.' – Robert Agranoff, Indiana University, Bloomington, US and Instituto Universitario Ortega y Gasset, Madrid, Spain Challenging the traditional orthodoxies of public management, this timely and comprehensive book adopts a lively and critical approach to key questions of public policy and management. With state-of-the-art contributions from leading international scholars, *Public Management in the Postmodern Era* explores a public sector that has moved irreversibly beyond the familiar territory of New Public Management and the exhausted tenets of modernization. Within a global environment where the old explanations and solutions have failed, the book advances a postmodern analysis. It argues strongly its original case that postmodern perspectives are of immediate relevance to issues of practice as well as to enduring problems of theory. The ambitious remit of the book will be of direct value to practitioners, scholars, academic researchers and students in politics, public policy and public management. With an international scope, the book will appeal to a worldwide audience.

This book is the first volume to explore, in breadth and in depth, the field of mental health in Qatar. The development of mental health services and the support of mental health research are currently priority areas in the strategic vision of this country. Bringing together the voices of experts in the field working in service of this vision, this volume covers everything from the history of mental health systems, administrative and academic growth and challenges, and the treatment of all ages and special populations, to mental health challenges at schools and in the workplace. Within each section, contributors drawn from across the range of mental health disciplines in Qatar discuss the developments and the challenges faced in this rapidly developing country. The book will appeal to practitioners, researchers, administrators, academics, students, and the general reader both within Qatar and beyond.

Petroleum hydrocarbons are both a product of, and rich substrate for, microorganisms from across all Domains of life. Rooted deeply in the history of microbiology, hydrocarbons have been studied as sources of carbon and energy for microorganisms for over a century. As global demand for petroleum and its refined products continues to rise, so do challenges associated with environmental pollution, oil well souring, infrastructure corrosion, oil recovery, transport, refining, and upgrading of heavy crude oils and bitumens. Advances in genomics, synthetic biology and metabolic engineering has invigorated interest in petroleum microbial biotechnology as interest grows in technologies for in situ methane production, biodesulfurization and biodenitrogenation, bio-upgrading of heavy crudes, microbial enhanced oil recovery, corrosion control, and biocatalysts for generating value-added products. Given the complexity of the global petroleum industry and the harsh conditions in which it operates, a deeper understanding of the ecophysiology of aerobic and anaerobic microbial communities that have associations with petroleum hydrocarbons is needed if robust technologies are to be deployed successfully. This research topic highlights recent advances in microbial enhanced oil recovery, methanogenic hydrocarbon metabolism and carbon dioxide sequestration, bioremediation, microbiologically influenced corrosion, biodesulfurization, and the application of metagenomics to better understand microbial communities associated with petroleum hydrocarbons.

Agricultural Biotechnology: Challenges and Prospects provides the latest research in

biotechnology in three major areas: benefits, analytical methodologies, and safety assessment. Scientific Essay from the year 2008 in the subject Sociology - Economy and Industry, language: English, abstract: Industrialization has always been recognized as a major tool for economic development of a region. It is the principal component of the secondary sector and its main function is to provide work for the growing population to satisfy the demand for manufactured goods and to raise the standard of living by the per capita income of the region. Industry is responsible for converting raw materials into finished goods, which in turn encourage the development of the tertiary sector, like marketing, transport and servicing etc. The transfer of persons engaged in the primary sector to secondary and tertiary sectors are generally visualized as social changes brought about by industrialization.

Preface -- About the author -- South Korea's economy at a crossroads -- Chaebol's role in South Korea's economic development -- South Korea-United States free trade agreement -- South Korea's free trade agreement with China -- South Korea's income inequality -- South Korea's ageing demography and its challenges -- Conclusion

Ethiopia has the lowest access to potable water supply in Africa despite its abundant water resource. In the Edja Woreda of Guraghe Zone, the average distance travelled to collect water is 46 minutes. The financial sustainability of the drinking water sector in the Woreda remains an issue for all stakeholders: the providers, the users, government agencies and donors. There is no clear guidance for water activities at Woreda level. Thus, there are no clearly specified roles and responsibilities. Therefore, the general objective of the study is to identify the challenges and prospects of potable water management in the Edja Woreda.

John A. Gentry and Joseph S. Gordon update our understanding of strategic warning intelligence analysis for the twenty-first century. Strategic warning—the process of long-range analysis to alert senior leaders to trending threats and opportunities that require action—is a critical intelligence function. It also is frequently misunderstood and underappreciated. Gentry and Gordon draw on both their practitioner and academic backgrounds to present a history of the strategic warning function in the US intelligence community. In doing so, they outline the capabilities of analytic methods, explain why strategic warning analysis is so hard, and discuss the special challenges strategic warning encounters from senior decision-makers. They also compare how strategic warning functions in other countries, evaluate why the United States has in recent years emphasized current intelligence instead of strategic warning, and recommend warning-related structural and procedural improvements in the US intelligence community. The authors examine historical case studies, including postmortems of warning failures, to provide examples of the analytic points they make. Strategic Warning Intelligence will interest scholars and practitioners and will be an ideal teaching text for intermediate and advanced students.

The 26th EUROCALL conference was organised by the University of Jyväskylä (JYU) Language Campus and specifically the Language Centre. The theme of this year's conference was 'Future-proof CALL: language learning as exploration and encounters', which reflects an attempt to envision language teaching and learning futures in a changing world. What brought researchers together this year are shared concerns in relation to the sustainability of language learning and teaching in technology-rich contexts that are marked by ever-increasing complexity. The collection of short papers in this volume is a very thorough view into the conference proper exhibiting the complexity and novelty of the field of CALL. There are exciting new openings and a more profound exploration of theoretical underpinnings of the contemporary issues in teaching and learning, cross-cultural communication, mobile

learning and the like.

The negative impacts associated with conventional tourism has occasioned more sustainable forms of tourism including community-based tourism (CBT). Among the benefits of CBT are the improvement of rural economies, empowerment of the local community, and poverty alleviation. In as much as CBT has been promoted as being more beneficial to local communities, its implementation is not without challenges. In the wake of the COVID-19 pandemic, destination marketing organizations and managers of CBT projects have to adopt different marketing strategies including shifting to target new demographics in an effort to remain sustainable. Prospects and Challenges of Community-Based Tourism and Changing Demographics provides theoretical and empirical insights in the prospects and challenges associated with CBT, critically examining issues of structure, impact, management, marketing, support, changing demographics, challenges, sustainability, and implications for the future of CBT. It also highlights critical lessons and trends in CBT from both established and new CBT initiatives to inform the design, management, marketing, and sustainability of CBT projects. This book will be a useful addition to the literature on CBT with its coverage of topics such as conservation, cultural tourism, and sustainable rural livelihoods. This book provides an excellent resource for students, academicians, researchers, tourism and hospitality practitioners, managers, destination managers, stakeholders, tour operators, and policymakers.

Contributions ... based on papers delivered at the Sixth and Seventh Conferences of the World Trade Law Association (WTLA) ... as well as specially commissioned chapters"--p. 1.

Original and insightful, this volume, giving in-depth consideration to the key issues affecting the future of market towns, provides readers with a framework for evaluating policy initiatives and progress in market towns. Through a detailed analysis of the characteristics of over 200 towns and in-depth studies of eleven towns in different parts of England, the authors identify and explore a number of key roles for market towns. Such as: retirement towns commuter towns employment centres service centres tourist towns. Setting the results in the context of past and current policy, they consider in more detail some of the critical issues, including increased personal mobility, aging populations, housing growth and affordability, employment and retail competitiveness. Drawing on this detailed case study material, a final section explores the future role of market towns as sustainable communities and how they might best assure their futures. Addressing issues which have not yet been covered in contemporary planning literature, this comprehensive volume provides a wide-ranging discussion that will appeal to those involved at all levels of practice related to market towns as well as to academics and students working in both rural and urban geography and planning. This updated edition of the classic book *Black Families at the Crossroads*, offers a comprehensive examination of the diverse and complex issues surrounding Black families. Leonor Boulin Johnson and Robert Staples combine more than sixty years of writing and research on Black families to offer insights into the pre-slavery development of the Black middle class, internal processes that affect all class strata among Black American families, the impact of race on modern Black immigrant families, the interaction of external forces and internal norms at each stage of the Black family life cycle, and public policies that provide challenges and promising prospects for the

continuing resilience of the Black family as an American institution. This thoroughly revised edition features new research, including empirical studies and theoretical applications, and a review of significant social policies and economic changes in the past decade and their impact on Black families.

The Chapters in this book written by Chinese and Indian academics and researchers from United Service Institution of India and Sichuan University, explaining the interdisciplinary approaches and comparative perspectives, that may help to understand the essence and implication of China's 'One Belt One Road', initiative by identifying the convergences of interest in terms of social and economic development, political and cultural exchanges and remove the potential hindrance. The Chapters explained the scope of the 'One Belt One Road' initiative as the mega development project and framework proposed by China, focussing on connectivity and cooperation among the regional countries, which till date received mixed reactions. There have been debates across the world regarding different facets of the OBOR initiative from whether it is an economic or strategic initiative or only a re-branding or a slogan for already existing ideas and projects. The views and vision expressed by the authors on OBOR in this volume focused on OBOR's economic approach and nature with parallel initiative to cultural aspects, along with the educational and health care sectors cooperation. The Chapters in this Book focussed on OBOR connectivity both on 'Land' and 'Sea' routes, as OBOR initiative has proposals to connect the Nations by road, rail, and sea. It is quite obvious that OBOR is an ambitious project aimed at spurring the growth of Chinese economy; however, it is natural that such a vast project and ambition needs to provide adequate security guarantees and confidence building measures. The authors highlighted in the Chapters that to ensure proper consideration of both core and specific interests of individual countries for active participation in the OBOR projects there is a need to promote active interaction for studying the implications and benefits. The authors also elaborated in the Chapters the challenges, opportunities, basic principle and rules of action for such trans-regional project like OBOR for achieving success. In this Volume the authors tried to provide both China's and India's perspective highlighting the significance of reviving the ancient Silk Road connectivity that extends on the world map connecting East with the West. The Chapter's highlighted opinion expressed by the policy makers, strategic analysts and academics in India and China, concerning various implications attached with the OBOR initiative. Chapters in this volume highlighted various opportunities, concerns and challenges looking into the policy options as well as academic considerations, however, the argument clearly indicates that there is a need to act strategically on issues related to OBOR both on the 'land' and 'Sea' roads. The arguments given focuses on the suspicion that still exists in understanding the OBOR's aspirations clearly, hence, it is felt that further clarification on OBOR, alongside with a range of issues between India and China is necessary to facilitate an objective understanding on OBOR and formulate the structure based on mutual benefits.

It is two decades since the 'third wave' of democratization began to roll across sub-Saharan Africa in the early 1990s. This book provides a very timely investigation into the progress and setbacks over that period, the challenges that remain and the prospects for future democratization in Africa. It commences with an overall assessment of the (lack of) progress made from 1990 to 2010, exploring positive developments with reasons for caution. Based on original research, subsequent contributions examine various themes through country case-

studies, inclusive of: the routinisation of elections, accompanied by democratic rollback and the rise of hybrid regimes; the tenacity of presidential powers; the dilemmas of power-sharing; ethnic voting and rise of a violent politics of belonging; the role of 'donors' and the ambiguities of 'democracy promotion'. Overall, the book concludes that steps forward remain greater than reversals and that typically, though not universally, sub-Saharan African countries are more democratic today than in the late 1980s. Nonetheless, the book also calls for more meaningful processes of democratization that aim not only at securing civil and political rights, but also socio-economic rights and the physical security of African citizens. This book was originally published as a special issue of Democratization

After decades of turmoil a new phase is opening up for Afghanistan, in which a new generation comes to the fore as many of the key players from earlier phases, including foreign interventionist powers, leave the scene. Although this new phase offers new possibilities and increased hope for Afghanistan's future, the huge problems created in earlier phases remain. This book presents a comprehensive overall assessment of the current state of politics and society in Afghanistan, outlining the difficulties and discussing the future possibilities. Many of the contributors are Afghans or Afghan insiders, who are able to put forward a much richer view of the situation than outside foreign observers.

Afghanistan – Challenges and Prospects Routledge

The story of life in inner-city America and the education of its people is often recounted as a tragedy; the ending is often predictable and usually dire, highlighting deficiency, failure, and negative trends. As with most social problems, children and youth in the inner cities are hit hardest. But this dismal view is only half of the full picture. The cities of our nation are a startling juxtaposition between the despairing and the hopeful, between disorganization and restorative potential. Alongside the poverty and unemployment, the street-fights and drug deals, are a wealth of cultural, economic, educational, and social resources. Often ignored are the resilience and the ability for adaptation which help many who are seemingly confined by circumstance to struggle and succeed "in the face of the odds." This book helps to broaden the utilization of ways to magnify the circumstances known to enhance development and education, so that the burden of adversity is reduced and opportunities are advanced for all children and youth -- especially the children and youth of the inner cities who are in at-risk circumstances. The focus is on: \* raising consciousness about the opportunities available to foster resilience among children, families, and communities, and \* synthesizing the knowledge base that is central to implementing improvements which serve to better the circumstances and educational opportunities of children and families. This volume is intended for a wide audience of readers, but particularly those who are in a position to shape public policy and deliver educational and human services.

The e-commerce market has grown rapidly within the ASEAN region in recent years. This trend is expected to continue in the future given the region's large population base, rising middle-class and improvements in connectivity. This edited volume examines the current state of e-commerce in ASEAN countries. It highlights some of the key domestic and cross-border challenges faced by ASEAN member states in developing e-commerce. These challenges include the regulatory and legal environment in which e-commerce firms operate across ASEAN, and the supporting infrastructure in ASEAN member states. "A comprehensive snapshot of the latest emerging regulatory, policy and consumer issues. It's essential reading for anyone working in this field. E-commerce is fundamentally altering the way in which businesses are being conducted, both within and between ASEAN countries. More than just an alternate distribution channel, online trading offers new opportunities and challenges for consumers, businesses, regulators and policymakers. How do markets operate in the new paradigm? How should regulators and governments ensure that dynamic competitive economies evolve, instead of descending into anti-competitive structures? And how are

markets evolving in different parts of Southeast Asia? All of these issues—and much more—are discussed in here. The editors are to be congratulated for assembling a range of insightful perspectives from across ASEAN. These are issues that will affect the region for many years to come. The lessons here are timely and timeless.” —Michael Schaper Ph.D., Deputy Chairman, Australian Competition and Consumer Commission, 2008–18

Challenges and Prospects in African Education System: The general idea this book is trying to disseminate is to inform readers about the compelling challenges and prospects in African system of education. As we all know, when issues of Africa educational system is raised, the first set of thoughts that come to mind is decline in standard, deterioration of facilities, examination malpractices, cult crises or school-based violence, shortage of teachers, underqualified teachers, and poor teachers' performance, which results in poor learning standards, lack of classroom discipline that is exacerbated by insufficient resources and inadequate infrastructure, failure of appropriate inspection and monitoring, and confusion caused by changing curricula without proper communication and training. All these have led to massive demoralization and disillusionment among teachers and a negative and worsening perception of African system of education. This, therefore, calls for in-depth analysis aimed at tutoring every stakeholder in education on how their action and inactions have individually and collectively contributed to the collapsing state of education in Africa. However, the prospect is that Africa's recovery and sustainable development can only be guaranteed through expansion and sustenance of both quantitative and qualitative-of the continent's stock of human capital through education. In order for education to realize its key role in development, it must be provided to the younger segments of African society as quickly as human and financial resources permit, with the ultimate goal of developing a comprehensive, meaningful and sustainable system of education at all levels and for all age groups. This is the message that this book puts across in the six knitted sections.

Thesis (M.A.) from the year 2015 in the subject Business economics - Supply, Production, Logistics, Bahir Dar University, course: Marketing management, language: English, abstract: In Ethiopia poultry industry plays decisive role to improve income of peoples, especially who lives with low income. Different research on genetics, health, production, and marketing were conducted, though none have done in Bahir Dar City. Less attention has been given to identify challenges and prospects of poultry industry rather than taking one component and react on that, though poultry industry is diminishing through time without clear and research based identified problems. The purpose of this study was to identify the challenges and prospects of poultry industry in Bahir Dar city. What are the major constraints and prospects of poultry industry, what would help strengthen poultry industry, and how do poultry productions profitability look like? These were questions which the study attempts to answer with focus on Bahir Dar city poultry industry. The study was descriptive type of research and the data for the study were collected through sets of questionnaires administered to respondents, as well as interviews, with some selected producers and experts. Census sampling technique was used to select respondents and data collected was analyzed by the use of SPSS and Microsoft Excel. The study revealed that stakeholders involved in the poultry business of Bahir Dar poultry farm industry believe the industry is actually declining and they assign causes such as shortage of guaranteed land, absence of sufficient electric power, absence of genuine breed supply of chicken, lack of knowledge on poultry production, shortage of professionals in the area, government's lack to amend land lease time policy based on the nature of poultry industry, absence of clear control mechanism of genuine breed poultry and absence of feed processer either private or/and government organization subsidies on agric inputs like feed, drugs, equipment and several other factors. On the other hand, major prospects of poultry industry in Bahir Dar city like presence of good government policy, presence of better market demand and conducive environment for poultry production were identified. It can be concluded

that, if the government and producers are unable to overcome those major identified constraints and challenges of poultry industry, the existing loss of poultry industry will be aggravated and most probably poultry industry will be totally eliminated from Bahir Dar city. Finally I recommended the government to revise its land lease policy, to create access genuine breed poultry ...

This volume examines the Chinese foreign policy framework today and traces its evolution since the post-Mao era. Through the consideration of China's relations with the major powers and its management of various challenges ranging from territorial disputes to energy security, it investigates China's pursuit of major power status and influence in peaceful international scenarios. The author critically analyzes China's foreign policy from Chinese leaders' evolving worldview of the changing international environment. As China emerges as a major power and the second largest economy in the world, anyone interested in international politics and scenarios as well as China's foreign policy needs a basic, insightful reference book like this. Contents: China's Foreign Policy: Coping with the Challenge of Power Overall Framework: The Evolution of China's Foreign Policy in the Post-Mao Era: From Anti-Hegemony to Modernization Diplomacy China's Foreign Policy in the Mid-1990s China's Foreign Policy Since the Seventeenth Party Congress Convincing the World of China's Tradition to Pursue Universal Harmony China's Significant Bilateral Relations: China's Peaceful Rise and the U.S. — Mutual Perceptions, Mutual Trust and Planning for Future Scenarios Chinese Perceptions of Russian Foreign Policy During the Two Putin Administration: U.S.—Russia Relations and "Strategic Triangle" Considerations China's Japan Policy: Seeking Stability and Improvement in Uncertainties and Conflicts China's India Policy: Balancing Global and Bilateral Issues Sino-Vietnamese Relations in the Early Twenty-first Century: Economics in Command? China's Iran Policy: Balancing Interests and Managing Expectations China's Management of Various Challenges: A Chinese View of China's Energy Security Battle Ready? Developing a Blue-water Navy: China's Strategic Dilemma China's Ocean Development Strategy and Its Handling of the Territorial Conflicts in the South China Sea From Non-interference to a Responsible Major Power: China's Engagement in Darfur China's Approach to Intervention in the Syrian Crisis: The Challenge of Working through the United Nations System Readership: Academics, undergraduate and graduates students, professionals and policy makers interested in China's Foreign Policy. Key Features: The most updated and comprehensive book on Chinese foreign policy Analyzes the Chinese perspective critically and objectively Studies China's relations with key countries and its various significant global challenges

The success of an economy to adapt quickly, flexibly, and effectively to the demands of the changing international economic environment can only be investigated using the achievements of other national economies or regions as a benchmark. This book analyzes the fundamental factors of competitiveness, which will, in turn, facilitate economic development and growth, in the new post-crisis environment. In the economic, social, legal, and technological environment that has emerged in recent years, as well as in the period after the recent financial crisis, it is critical to define, assess, and implement new pathways to competitiveness and economic development. The book covers all aspects of competitiveness and economic growth, from financial intermediaries to tourism and the digital economy, and from regulation and corporate

governance to exchange rate dynamics and monetary policy issues. It uses empirical findings from a variety of different countries with divergent economic structures and policies. It examines the new system of production, and the technological, commercial, financial and institutional environment, with the aim of recommending a proportional division of benefits and costs of economic growth. It offers a fresh, holistic, and flexible concept to underscore the new relationship between competitiveness and economic growth. Such an approach is needed, whereby competitiveness is no longer a zero-sum game between countries, but is achievable for all countries. The book recommends future directions and offers policy solutions, and as such, will appeal to students, researchers, and policymakers, as well as those interested in the role of competitiveness in the operation of markets, productivity, and economic development, and how it might foster innovation and growth.

An encyclopedic coverage of regions and issues, some of the best scholarship in the field, and an emphasis on solutions make this book an important contribution.” Miguel Angel Centeno, Princeton University “Exceptionally diverse and comprehensive... [this] is certain to become an essential reference work on the economic, moral, human rights and civilizational aspects of globalization.” Daniel Chirot, University of Washington “...a much-needed comprehensive, updated, and non-Western-centric introduction to the origins, dynamics, and latest trends of globalization as seen from the perspectives of Global North and South.” Ho-fung Hung, Johns Hopkins University “..a timely and solid overview of the key theoretical and methodological challenges faced across the social sciences as we seek to understand the possible futures of globalization.” Roberto Patricio Korzeniewicz, University of Maryland “Ino Rossi has brought together a range of authors covering multiple aspects of our current condition. This diversity of engagements is what we need to sort out our major challenges.” Saskia Sassen, Columbia University "It is the best collection of studies on ecological globalization, latest impact on the Global South, millennia ascent of individual rights, and alternative designs of the future world order." Alvin Y. So, Hong Kong University of Science and Technology This is a must-read volume on globalization in which some of the foremost scholars in the field discuss the latest issues. Truly providing a global perspective, it includes authorship and discussions from the Global North and South, and covers the major facets of globalization: cultural, economic, ecological and political. It discusses the historical developments in governance preceding globalization, the diverse theoretical and methodological approaches to globalization, and analyzes underdevelopment, anti-globalization movements, global poverty, global inequality, and the debates on international trade versus protectionism. Finally, the volume looks to the future and provides prospects for inter-civilizational understanding, rapprochement, and global cooperation. This will be of great interest to academics and students of sociology, social anthropology, political science and international relations, economics, social policy, social history, as well as to policy makers.

This book brings together interdisciplinary perspectives with the aim of broadening understandings of poverty. It contains both empirical and conceptual chapters, including those by local researchers, on a range of topics highlighting the relationship between poverty and sustainability. It cover themes such as: changes in the environment that pose an existential risk to humans; new concepts in tourism development that consider it as one of the key contributors in the prosperity and well-being of all stakeholders;

natural, social and economic aspects of human behaviour and environmental sustainability; the impact of global warming on human well-being; immigration and integration policies and analyses of public discourse on migrants; and overconsumption and its impact on sustainable development. It will be a helpful resource for students and researchers of environmental management, tourism, global justice and sustainable development.

As the leadership field continues to evolve, there are many reasons to be optimistic about the various theoretical and empirical contributions in better understanding leadership from a scholarly and scientific perspective. The Oxford Handbook of Leadership and Organizations brings together a collection of comprehensive, state-of-the-science reviews and perspectives on the most pressing historical and contemporary leadership issues - with a particular focus on theory and research - and looks to the future of the field. It provides a broad picture of the leadership field as well as detailed reviews and perspectives within the respective areas. Each chapter, authored by leading international authorities in the various leadership sub-disciplines, explores the history and background of leadership in organizations, examines important research issues in leadership from both quantitative and qualitative perspectives, and forges new directions in leadership research, practice, and education.

Examines the challenges and opportunities of the Crimean peninsula within the newly independent country of Ukraine and in light of the strong separatist movement. The nine studies are from an international conference in Kiev, Ukraine, in October 1994 .

Among the topics are the socioeconomic situation, interethnic relations, Ukrainian presidential and parliamentary elections, the importance of Crimea to Ukraine, the balance of power in the Black Sea, and US security interests in Crimea. Includes a detailed chronology and appends texts of 11 important documents. Published in conjunction with the American Association for the Advancement of Science. Paper edition (unseen), \$22.95. Annotation copyright by Book News, Inc., Portland, OR

Health rights litigation is still an emerging phenomenon in Africa, despite the constitutions of many African countries having provisions to advance the right to health. Litigation can provide a powerful tool not only to hold governments accountable for failure to realise the right to health, but also to empower the people to seek redress for the violation of this essential right. With contributions from activists and scholars across Africa, the collection includes a diverse range of case studies throughout the region, demonstrating that even in jurisdictions where the right to health has not been explicitly guaranteed, attempts have been made to litigate on this right. The collection focusses on understanding the legal framework for the recognition of the right to health, the challenges people encounter in litigating health rights issues and prospects of litigating future health rights cases in Africa. The book also takes a comparative approach to litigating the right to health before regional human rights bodies. This book will be valuable reading to scholars, researchers, policymakers, activists and students interested in the right to health.

The book addresses the needs of researchers on the fundamentals as well as more advanced knowledge on microgrids and their evolution. This book covers newly emerging trends in fields such as Computer Science, Energy, Electrical Engineering, and Electronics and brings the reader up-to-date on the new emerging fields that play an important role in the power infrastructure. This book provides knowledge on decision making for newly evolving trends in microgrid design. It discusses techniques on how to improve the existing power quality and

reduce load shedding and power imbalances. The book presents the emerging fields that now play an important role in microgrid design such as Data Science, Machine Learning, AI, and IT. The readership includes researchers, academia, practicing engineers, consumers, power companies and policy makers located across the globe.

This book focuses on the state-of-the-art of biosensor research and development for specialists and non-specialists. It introduces the fundamentals of the subject with relevant characteristics of transducer elements, as well as biochemical recognition molecules. This book is ideal for researchers of nanotechnology, materials science and biophysics.

In an effort to provide greater awareness of the necessary policy decisions facing our elected and appointed officials, *Energy Policy in the U.S.: Politics, Challenges, and Prospects for Change* presents an overview of important energy policies and the policy process in the United States, including their history, goals, methods of action, and consequences. In the first half of the book, the authors frame the energy policy issue by reviewing U.S. energy policy history, identifying the policy-making players, and illuminating the costs, benefits, and economic and political realities of currently competing policy alternatives. The book examines the stakeholders and their attempts to influence energy policy and addresses the role of supply and demand on the national commitment to energy conservation and the development of alternative energy sources. The latter half of the book delves into specific energy policy strategies, including economic and regulatory options, and factors that influence energy policies, such as the importance of international cooperation. Renewed interest in various renewable and nontraditional energy resources—for example, hydrogen, nuclear fusion, biomass, and tide motion—is examined, and policy agendas are explored in view of scientific, economic, regulatory, production, and environmental constraints. This book provides excellent insight into the complex task of creating a comprehensive energy policy and its importance in the continued availability of energy to power our way of life and economy while protecting our environment and national security.

Rice has been chosen as a model cereal for functional genomics because of its well understood genetics. In addition, there is great similarities among all the cereals and grasses: any understanding of rice genes is directly applicable to the genes of other cereals. This book details rice functional genomics. It takes a multi-pronged genome-wide approach using structural similarities, expression profiles, and mutant phenotypes. Coverage includes the current status of genome sequencing and annotation, various tools, and resources being developed worldwide.

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