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Relations MIMO Power Line

Communications *Learning*

and Diversity in the Cities of

the Future Risk State **How Big**

Things Get Done OECD

Territorial Reviews: Puebla-

Tlaxcala, Mexico 2013 **Border**

Security, 2015 *The*

Governance Gap **Impact of**

Design Research on

Industrial Practice

Perspectives on Igwebuike

Philosophy: Viruses

Threatening Stable Production

of Cereal Crops *Stalin's*

American Spy *Epigenetic*

Modifications and Viral

Infections **Final Workshop**
Proceedings of the
Collaborative Project
"Crystalline Rock Retention
Processes" (7th EC FP CP
CROCK) INTERMEDIATE I
YEAR ZOOLOGY(English
Medium) TEST PAPERS
Indonesia's Ascent Igwebuike
Philosophy: an African
Philosophy of Integrative
Humanism Refugee Learner
Experiences. A Case Study of
Zimbabwean Refugee Children
Is the Planet Full? *The*
Neighbours of the European
Union's Neighbours **Making**
Hong Kong **BRICS and**
International Tax Law
Expression of emotion in music
and vocal communication

Cereal crops such as maize, wheat, and rice account for a majority of biomass produced globally in agriculture. Continuous economic and population growth especially in developing countries accompanied more intensive production of cereal crops to meet increasing demands for them as main staple foods and livestock feeds. However,

imbalance between production and consumption of cereal crops, which is inevitably reflected as their higher market prices, is becoming palpable in recent years. Stable production of cereal crops has been threatened by various abiotic and biotic stresses. One of the most threatening constraints is virus diseases. Especially, intensification of cereal crop production is often achieved by monoculture of a popular crop variety in a wide area. Such agroecosystems with low biodiversity is usually more conducive to biotic stresses, and may result in the outbreaks of existing and emerging cereal viruses. Numerous reports on incidences of various virus diseases of cereal crops attested that viruses have been a long-standing obstacle eroding yields of cereal crops worldwide. Despite of the evident economic losses incurred by virus disease of cereal crops, the progress in basic research on virus species causing major diseases of cereal crops lagged behind

compared to that carried out for viruses that can infect dicotyledonous plants. This was partially due to the lack of ideal experimental systems to investigate the interaction between viruses and monocotyledonous crops. For example, inoculation of many viruses to cereal plants still requires tedious manipulation of vector organisms, and reverse genetic systems are not available for many cereal viruses. However, application of latest molecular biology technologies has led to significant advance in cereal virology recently; transient gene expression systems through particle bombardment and agroinfiltration have been exploited to examine the functions of cereal virus proteins. Cell culture systems of vector insects enabled to investigate the molecular interactions between cereal viruses and insect vectors. Furthermore, RNAi technologies for vector insects and monocotyledonous plants facilitated identification of specific host and viral factors

involved in viral replication and transmission cycles. Also, accumulating information on the genome sequences of cereal crop species has been simplifying the roadmap to pinpoint resistance genes against cereal viruses. The objective of this research topic is to provide and share the information which can contribute to advances in cereal virology by covering recent progresses in areas such as: 1) characterization of emerging viruses, 2) analyses of genetic and biological diversities within particular viruses, 3) development of experimental systems applicable to cereal viruses, 4) elucidation of the molecular interactions among viruses, vector organisms, and host plants, 5) identification of traits and genes linked to virus resistance in cereal crops, 6) development of novel genetic approaches for virus resistance, and 7) assessment of epidemiological factors affecting the incidences of cereal virus diseases. Synergistic integration of ideas

from such areas under this research topic should help to formulate practical alternatives to the current management options for virus diseases in cereal crops. In 1949, United Nations Constitutional Assistance (UNCA) was conceived to promote the Western liberal constitution. This was colonial trusteeship. However, in 1960, as a step towards decolonization, the United Nations General Assembly rejected internationalized constitution-making, and, by extension, UNCA. All colonies acquired the right to draft their own constitutions without any international assistance. Nonetheless, in the same year, UNCA was revived and since then it has helped over 40 developing sovereign states to adopt the Western liberal constitution, for the aims of building peace, preventing conflict, and promoting good governance in these independent states. This book scrutinizes UNCA and its offshoot, UN/International Territorial Administration

(ITA), including their historical origins and revival from 1960 to 2019. Sripati argues that although the United Nations (UN) uses UNCA to help developing sovereign states secure debt relief, it undertakes UNCA to 'modernize' them with a view to 'strengthen' their supposedly weakened sovereignty. By doing so, the UN is seeking these states' adoption of a Western liberal-style constitution, thus violating their right to self-determination. The book shows how UNCA sires and guides UN (legislative) assistance in all state-sectors: security, judicial, electoral, commercial, parliamentary, public administration, and criminal. Irrespective of UNCA's benevolent motivations, such intrusive interventions impose the old forms of domination and perpetuate global inequality. This publication includes the Proceedings of the PLE Conference 2013. The Conference on Personal Learning Environments is now an established annual

international, scientific event and a reference point for the current state of the art in research and development in Personal Learning Environments (PLE). The PLE Conference creates a space for researchers and practitioners to share concepts, case studies and research related to the design, development and implementation of Personal Learning Environments in diverse educational contexts including formal and informal education. The 4th PLE Conference in 2013 took place at Beuth University of Applied Sciences in Berlin, Germany together with a parallel event at Monash University in Melbourne, Australia. The PLE Conference 2013 received 75 submissions and welcomed almost 100 delegates from Europe, Asia, Australasia, North and South America and Africa. The papers included in the Proceedings provide rich and valuable theoretical and empirical insights into Personal Learning Environments. Personal Learning Environments (PLE) is an

approach in Technology-Enhanced Learning (TEL) based on the principles of learner autonomy, ownership and empowerment. PLEs are integrated, individual environments for learning which include specific technologies, methods, tools, contents, communities and services constituting complex learning infrastructures, enhancing new educational practices and at the same time emerging from these new practices. This represents a shift away from the traditional model of technology-enhanced learning based on knowledge transfer towards a model based on knowledge construction and sharing. Transitional justice is a burgeoning field of scholarly inquiry. Yet while the transitional justice literature is replete with claims about the benefits of criminal trials, too often these claims lack an empirical basis and hence remain unproven. While there has been much discussion about whether criminal trials can aid reconciliation, the extent to which they actually

do so in practice remains under-explored. This book investigates the relationship between criminal trials and reconciliation, through a particular focus on the International Criminal Tribunal for the former Yugoslavia (ICTY). Using detailed empirical data - in the form of qualitative interviews and observations from five years of fieldwork - to assess and analyze the ICTY's impact on reconciliation in Bosnia-Herzegovina, Croatia and Kosovo, *International Trials and Reconciliation: Assessing the Impact of the International Criminal Tribunal for the former Yugoslavia* argues that reconciliation is not a realistic aim for a criminal court. They are, Janine Clark argues, only one part of a rich tapestry of justice, which must also include non-retributive transitional justice processes and mechanisms. Challenging many of the common yet untested assumptions about the benefits of criminal trials, this innovative and extremely timely monograph will be

invaluable for those with interests in the theory and practice of transitional justice. Showcasing exemplars of how various aspects of design research were successfully transitioned into and influenced, design practice, this book features chapters written by eminent international researchers and practitioners from industry on *The Impact of Design Research on Industrial Practice*. Chapters written by internationally acclaimed researchers of design analyze the findings (guidelines, methods and tools), technologies/products and educational approaches that have been transferred as tools, technologies and people to transform industrial practice of engineering design, whilst the chapters that are written by industrial practitioners describe their experience of how various tools, technologies and training impacted design practice. The main benefit of this book, for educators, researchers and practitioners in (engineering) design, will be

access to a comprehensive coverage of case studies of successful transfer of outcomes of design research into practice; as well as guidelines and platforms for successful transfer of research into practice. Questions of gender have strongly influenced the development of international refugee law over the last few decades. This volume assesses the progress toward appropriate recognition of gender-related persecution in refugee law. It documents the advances made following intense advocacy around the world in the 1990s, and evaluates the extent to which gender has been successfully integrated into refugee law. Evaluating the research and advocacy agendas for gender in refugee law ten years beyond the 2002 UNHCR Gender Guidelines, the book investigates the current status of gender in refugee law. It examines gender-related persecution claims of both women and men, including those based on sexual orientation and gender

identity, and explores how the development of an anti-refugee agenda in many Western states exponentially increases vulnerability for refugees making gendered claims. The volume includes contributions from scholars and members of the advocacy community that allow the book to examine conceptual and doctrinal themes arising at the intersection of gender and refugee law, and specific case studies across major Western refugee-receiving nations. The book will be of great interest and value to researchers and students of asylum and immigration law, international politics, and gender studies. This book analyses the strategies used by public authorities to expand the UK aviation industry in relation to growing political opposition and the negative impact of flying on local communities and climate change. Its genealogical investigations show how governmental practices and technologies designed to depoliticise aviation and expand airports

have generally failed to constitute an effective political will to counter community resistance and environmental protest. Criticising the dominant logics of UK airport expansion, the authors promote a radical rethinking of our attitudes to aviation in terms of sufficiency, degrowth and alternative hedonism, laying the ground for a more sustainable future. Ensuring an adequate, long-term energy supply is a paramount concern in Europe. The security of a country's energy supply must be guaranteed, and within the EU individual member states are acting in order to safeguard future energy production. Governments now intervene by encouraging investment in generation capacity, offering an additional revenue stream for conventional power plants in addition to the existing, heavily subsidized investments in renewable energy sources. These capacity remuneration mechanisms (or simply capacity mechanisms) have become a hot topic in the wider

European regulatory debate. European electricity markets are increasingly interconnected, so the introduction of a capacity mechanism in one country not only distorts its national market but may have unforeseeable consequences for neighboring electricity markets. If these mechanisms are adopted by several member states with no supra-national coordination and no consideration for their cross-border impact, they may cause serious market distortions and put the future of the European internal electricity market at risk. These national developments are giving great cause for concern, and without a clear understanding of capacity mechanisms and their potential consequences it is difficult to predict the impact these measures will have on the internal European electricity market. This book provides readers with a thorough explanation and analysis of capacity mechanisms, written by an expert team of policy-makers,

economists, and legal professionals. It will be a first point of reference for regulators and policy-makers responsible for designing optimal capacity mechanisms in Europe, and will be an invaluable resource for academics and practitioners in the fields of energy, regulation, and competition. A number of changes have been made to the supervision and regulation of banks as a result of the recent financial meltdown. Some are for the better, such as the Basel III rules for increasing the quality and quantity of capital in banks, but legal changes on both sides of the Atlantic now make it much more difficult to resolve failing banks by means of taxpayer funded bail-outs and could hinder bank resolution in future financial crises. In this book, Johan A. Lybeck uses case studies from Europe and the United States to examine and grade a number of bank resolutions in the last financial crisis and establish which were successful, which failed, and why. Using in-depth analysis of

recent legislation, he explains how a bank resolution can be successful, and emphasizes the need for taxpayer-funded bail-outs to create a viable banking system that will promote economic and financial stability. This volume explores the domestic and transnational considerations associated with Indonesia's ascent, referring to its rise in terms of hard and soft power and its likely trajectory in the future. The range of contributors analyse economic resources, religious harmony, security, regional relations, leadership and foreign policy. Two of the most important social skills in humans are the ability to determine the moods of those around us, and to use this to guide our behavior. To accomplish this, we make use of numerous cues. Among the most important are vocal cues from both speech and non-speech sounds. Music is also a reliable method for communicating emotion. It is often present in social situations and can serve to unify a group's mood for

ceremonial purposes (funerals, weddings) or general social interactions. Scientists and philosophers have speculated on the origins of music and language, and the possible common bases of emotional expression through music, speech and other vocalizations. They have found increasing evidence of commonalities among them. However, the domains in which researchers investigate these topics do not always overlap or share a common language, so communication between disciplines has been limited. The aim of this Research Topic is to bring together research across multiple disciplines related to the production and perception of emotional cues in music, speech, and non-verbal vocalizations. This includes natural sounds produced by human and non-human primates as well as synthesized sounds. Research methodology includes survey, behavioral, and neuroimaging techniques investigating adults as well as developmental populations, including those with atypical

development. Studies using laboratory tasks as well as studies in more naturalistic settings are included. With a foreword from Paul King, Chief Executive, UK Green Building Council and Chairman, Zero Carbon Hub As concerns over climate change and resource constraints grow, many cities across the world are trying to achieve a low carbon transition. Although new zero carbon buildings are an important part of the story, in existing cities the transformation of the current building stock and urban infrastructure must inevitably form the main focus for transitioning to a low carbon and sustainable future by 2050. Urban Retrofitting for Sustainability brings together interdisciplinary research contributions from leading international experts to focus on key issues such as systems innovation, financing tools, governance, energy, and water management. The chapters consider not only the knowledge and technical tools available, but looks forward to

how they can be implemented in real cities by 2050. Stalin's American Spy tells the remarkable story of Noel Field, a Soviet agent in the US State Department in the mid-1930s. Lured to Prague in May 1949, he was kidnapped and handed over to the Hungarian secret police. Tortured by them and interrogated too by their Soviet superiors, Field's forced 'confessions' were manipulated by Stalin and his East European satraps to launch a devastating series of show-trials that led to the imprisonment and judicial murder of numerous Czechoslovak, German, Polish and Hungarian party members. Yet there were other events in his very strange career that could give rise to the suspicion that Field was an American spy who had infiltrated the Communist movement at the behest of Allen Dulles, the wartime OSS chief in Switzerland who later headed the CIA. Never tried, Field and his wife were imprisoned in Budapest until 1954, then granted political asylum in

Hungary, where they lived out their sterile last years. This new biography takes a fresh look at Field's relationship with Dulles, and his role in the Alger Hiss affair. It sheds fresh light upon Soviet espionage in the United States and Field's relationship with Hede Massing, Ignace Reiss and Walter Krivitsky. It also reassesses how the increasingly anti-Semitic East European show-trials were staged and dissects the 'lessons' which Stalin sought to convey through them. This book explores the persistence of the governance gap with respect to the human rights-impacting conduct of transnational extractive corporations operating in zones of weak governance. The authors launch their account with a fascinating case study of Talisman Energy's experience in Sudan, informed by their own experience as members of the 1999 Canadian Assessment Mission to Sudan (Harker Mission). Drawing on new governance, reflexive law and responsive law theories, the

authors assess legal and other non-binding governance mechanisms that have emerged since that time, including the UN Guiding Principles on Business and Human Rights. They conclude that such mechanisms are incapable of systematically preventing human rights violating behaviour by transnational corporations, or of assuring accountability of these actors or recompense for victims of such violations. The authors contend that home state regulation, while not a silver bullet, has a crucial role to play in regulating such conduct. They pick up where UN Special Representative John Ruggie's Guiding Principles on Business and Human Rights left off, and propose an innovative, robust and adaptable template for strengthening the regulatory framework of home states. Their model draws insights from the theoretical literature, leverages existing public, private, transnational, national, 'soft' and hard regulatory tools, and harnesses the specific strengths of state-based

governance. This book will be of interest to academics, policy makers, students, civil society and business leaders. The study of African philosophy, like all great philosophical enquiries around the world, is fraught with the wrecks of words, wrenched from their original meaning, widened or narrowed, and forced into a bewildering variety of vessels that chum their ways in seas of semantic confusion. African philosophical studies has acquired and added to the many philosophical verbal transmogrifications that came originally from the Igbo of south-eastern Nigeria. In its turn, it has produced its own eccentric philosophical etymology, of which, perhaps the most striking example is Igwebuiké philosophy. A reflection on Igwebuiké philosophy reveals that it is a product of a meticulous and critical study of African philosophy. It is in this light that the scrupulous researcher would dissect the profound thinker behind the Igwebuiké philosophy. In this book,

scholars of different hues and academic endeavours have made excursus into the origin, originator, meaning and relevance of Igwebuiké philosophy to contemporary African philosophical scholarship and African societies. Research shows that the brain behind Igwebuiké philosophy that is gradually becoming a major part of African philosophical engagement is incontestably Prof Ikechukwu Anthony Kanu, O.S.A. Igwebuiké itself is a philosophical principle that is drawn from African primordial practice of solidarity and complementarity; the works of professional African philosophers, African proverbs, African folk tales, African mythology, African symbols, African names and African songs. — Kanayo L. Nwadiakor, Ph.D Nnamdi Azikiwe University, Awka Intermediate First Year ZOOLOGY Test papers Issued by Board of Intermediate Education w.e.f 2013-2014. The 2013 volume of Contemporary Issues in International Arbitration and

Mediation: The Fordham Papers is a collection of important works in the field written by the speakers at the 2013 Fordham Law School Conference on International Arbitration and Mediation. The 25 papers are organized into the following six parts: Keynote Presentation by Gabrielle Kaufmann-Kohler Part 1: Investor-State Arbitration by Andrea K. Bjorklund, Rudolf Dolzer, Abby Cohen Smutny, John Townsend Part 2: Class Actions and Mass Claims by James Carter, John Crook, Christopher Drahozal, Veijo Heiskanen, Sandrine Giroud, Roman Khodykin, S.I. Strong Part 3: Arbitration of International Disputes on Energy Issues by Arif Ali, Nigel Blackaby, Caline Mouawad, Sarah Vasani Part 4: Investor-State Arbitration (2) by O. Thomas Johnson, Catherine H. Gibson, Mark McNeill, Laurence Shore, Robert Rothkopf, Todd Weiler Part 5: The Arbitration of International Technology Disputes by Gary L. Benton, Rachel Koch, Thomas Halket, John Judge, Paul Klaas,

Steven Reisberg Part 6:
Mediation by Elizabeth Birch,
David Bristow, H el ene de
Kovachich As the threats posed
by changing weather patterns
are becoming more apparent,
climate change law has
emerged as an important area
of law in its own right. This
Handbook provides a
comprehensive understanding
of this growing subject, setting
out the key institutions and
processes, and featuring
interdisciplinary insights from
leading experts. How will
China develop under the new
leadership of Xi Jinping and Li
Keqiang? This is a key question
for both China and the wider
world. This book presents a
comprehensive overview of the
key areas and issues, assessing
how things are likely to
develop under the new
leadership. It considers the
economy, trade, politics, and
demographics; appraises the
leadership, both at the national
and provincial levels; and
discusses potential flashpoints
in China's relationship with its
neighbors and China's
emerging role in world politics.

The book emphasizes the great
uncertainties surrounding the
next phase of China's
development, highlighting the
structural problems of the
economy, the problems of
urbanization and governance,
and the deep social cleavages
which exist over issues such as
income disparity, rampant
corruption and unequal
opportunities in social mobility.
Against this backdrop it
measures the emerging
leadership of Xi Jinping to
assess the prospects for China
in the next decade and beyond.
One of the first publications of
its kind in the exciting field of
multiple input multiple output
(MIMO) power line
communications (PLC), MIMO
Power Line Communications:
Narrow and Broadband
Standards, EMC, and Advanced
Processing contains
contributions from experts in
industry and academia, making
it practical enough to provide a
solid understanding of how
PLC technologies work, yet
scientific enough to form a
base for ongoing R&D
activities. This book is

subdivided into five thematic parts. Part I looks at narrow- and broadband channel characterization based on measurements from around the globe. Taking into account current regulations and electromagnetic compatibility (EMC), part II describes MIMO signal processing strategies and related capacity and throughput estimates. Current narrow- and broadband PLC standards and specifications are described in the various chapters of part III. Advanced PLC processing options are treated in part IV, drawing from a wide variety of research areas such as beamforming/precoding, time reversal, multi-user processing, and relaying. Lastly, part V contains case studies and field trials, where the advanced technologies of tomorrow are put into practice today. Suitable as a reference or a handbook, MIMO Power Line Communications: Narrow and Broadband Standards, EMC, and Advanced Processing features self-contained chapters with extensive cross-

referencing to allow for a flexible reading path. Growth remained strong in the region in 2012, with regional GDP rates increasing in most countries (excluding Nigeria and South Africa). Projections point to a moderate, broad-based acceleration in growth to around 5 1/2 percent in 2013–14, reflecting a gradually strengthening global economy and robust domestic demand. Investment in export-oriented sectors remains an important economic driver, and an agriculture rebound in drought-affected areas will also help growth. Uncertainties in the global economy are the main risk to the region's outlook, but plausible adverse shocks would likely not have a large effect on the region's overall performance. China's emergence as a great power in the twenty-first century is strongly enabled by cyberspace. Leveraged information technology integrates Chinese firms into the global economy, modernizes infrastructure, and increases internet penetration

which helps boost export-led growth. China's pursuit of "informatization" reconstructs industrial sectors and solidifies the transformation of the Chinese People's Liberation Army into a formidable regional power. Even as the government censors content online, China has one of the fastest growing internet populations and most of the technology is created and used by civilians. Western political discourse on cybersecurity is dominated by news of Chinese military development of cyberwarfare capabilities and cyber exploitation against foreign governments, corporations, and non-governmental organizations. Western accounts, however, tell only one side of the story. Chinese leaders are also concerned with cyber insecurity, and Chinese authors frequently note that China is also a victim of foreign cyber -- attacks -- predominantly from the United States. China and Cybersecurity: Espionage, Strategy, and Politics in the Digital Domain is a

comprehensive analysis of China's cyberspace threats and policies. The contributors -- Chinese specialists in cyber dynamics, experts on China, and experts on the use of information technology between China and the West -- address cyberspace threats and policies, emphasizing the vantage points of China and the U.S. on cyber exploitation and the possibilities for more positive coordination with the West. The volume's multi-disciplinary, cross-cultural approach does not pretend to offer wholesale resolutions. Contributors take different stances on how problems may be analyzed and reduced, and aim to inform the international audience of how China's political, economic, and security systems shape cyber activities. The compilation provides empirical and evaluative depth on the deepening dependence on shared global information infrastructure and the growing willingness to exploit it for political or economic gain. The increase of new complex

security challenges and the heightening significance of a diverse array of actors has simultaneously posed a challenge to traditional perspectives on international relations and foreign policy and created an opportunity for new concepts to be applied. Conventional explanations of Japan's foreign policy have provided us with theoretically predetermined understandings and fallacious predictions. Reformulating risk in its application to the study of international relations and foreign policy, this volume promises new insights into the analysis of contemporary foreign policy in East Asia and Japan's post-Cold War international relations in particular. A comprehensive economic review of the Puebla-Tlaxcala region of Mexico. The review examines the region's challenges and assets and makes a series of policy recommendations. This insightful book provides a comprehensive survey of urban development in Hong Kong since 1841. Pui-yin Ho explores

the ways in which the social, economic and political environments of different eras have influenced the city's development. From colonial governance, wartime experiences, high density development and the return to Chinese sovereignty in 1997 through to contemporary challenges, this book explores forward-looking ideas that urban planning can offer to lead the city in the future. Evaluating the relationship between town planning and social change, this book looks at how a local Hong Kong identity emerged in the face of conflict and compromise between Chinese and European cultures. In doing so, it brings a fresh perspective to urban research, providing historical context and direction for the future development of the city. Hong Kong's urban development experience offers not only a model for other Chinese cities but also a better understanding of Asian cities more broadly. Urban studies scholars will find this an exemplary case study of a

developing urban landscape. Town planners and architects will also benefit from reading this comprehensive book as it shows how Hong Kong can be taken to the next stage of urban development and modernisation. Washington's strategic pivot to Asia and Beijing's pursuit of new strategic and security interests in the region have led to increasing tensions between the two powers. US leaders have stressed that their increased interest in Asia is driven by a desire to benefit from the thriving regional economies, as well as to play the leading role in maintaining peace and stability in the region. However, Beijing is particularly concerned about US efforts to consolidate its alliances and deepen security partnerships with a number of regional states. Given the centrality of the two powers to the strategic stability and economic development of the region, these new dynamics in US-China relations must be properly understood and appropriately handled. This

book examines the growing Sino-US strategic rivalry in the Asia-Pacific alongside the strategies employed in the management of this relationship. In turn, it illuminates the sources of conflict and cooperation in US-China relations, looking specifically at maritime disputes, economic relations, energy security, non-traditional security, defence and strategic forces, and Taiwan. Finally, it explores the role of regional states in shaping US-China relations, and in doing so covers the influence of Japan, India, the Korean Peninsula, the Philippines, Vietnam, Myanmar, and Cambodia. With chapters from leading scholars and analysts this book deals with a diverse range of issues including strategic rivalry, expanding regional trade relations, non-traditional security issues, the role of energy security, maritime security and how Asian states view their relations with the US and China respectively. *New Dynamics in US-China Relations* will be of huge

interest to students and scholars of Asian politics, US politics, international relation and security studies, as well as practitioners involved in framing and implementing foreign, security and economic policy pertaining to the Asia Pacific. There is no available information at this time. Author will provide once available. Epigenetics is defined as the study of modifications of the genome, heritable during cell division that does not involve changes in DNA sequences. Up to date, epigenetic modifications involve at least three general mechanisms regulating gene expression: histone modifications, DNA methylation, and non-coding RNAs (ncRNAs). For the past two decades, an explosion in our interest and understanding of epigenetic mechanisms has been seen. This mainly based on the influence that epigenetic alterations have on an amazing number of biological processes, such as gene expression, imprinting, programmed DNA rearrangements, germ line

silencing, developmentally cued stem cell division, and overall chromosomal stability and identity. It has become also evident that the constant exposure of living organisms to environment factors affects their genomes through epigenetic mechanisms. Viruses infecting animal cells are thought to play central roles in shaping the epigenetic scenario of infected cells. In this context it has become obvious that knowing the impact that viral infections have on the epigenetic control of their host cells will certainly lead to a better understanding of the interplay viruses have with animal cells. In fact, DNA viruses use host transcription factors as well as epigenetic regulators in such a way that they affect epigenetic control of gene expression that extends to host gene expression. At the same time, animal cells employ mechanisms controlling transcription factors and epigenetic processes, in order to eliminate viral infections. In summary, epigenetic mechanisms are involved in

most virus-cell interactions. We now know that some viruses exhibit epigenetic immune evasion mechanisms to survive and propagate in their host; however, there is still much ambiguity over these epigenetic mechanisms of viral immune evasion, and most of the discovered mechanisms are still incomplete. Other animal viruses associated to cancer often deregulate cellular epigenetic mechanisms, silencing cellular tumor-suppressor genes and/or activating either viral or host cell oncogenes. In addition, in several cancers the down-regulation of tumor suppressor protein-coding genes and ncRNAs with growth inhibitory functions, such as miRNAs, have been closely linked to the presence of cell CpG island promoter hypermethylation. The goal of the aforementioned Research Topic is to bring together the key experimental and theoretical research, linking state-of-the-art knowledge about the epigenetic mechanisms involved in animal virus-cell

interactions. With the ongoing expansion of outbound foreign direct investment (FDI) in the countries representing the BRICS economic bloc (Brazil, Russia, India, China, and South Africa) - and with all of them at the same time listed among the top seven countries plagued by tax evasion and avoidance in the guise of illicit out flows - the ve governments, both individually and through cooperative initiatives, have devised new international tax strategies that are proving to be of great interest and value to other countries, both developing and developed. The core of these strategies addresses the necessity of stemming the out ow of revenue while strongly supporting FDI, both inbound and outbound while complying with international obligations including those arising from human rights laws. This book is the rst in-depth commentary on this new and evolving area of international tax law. The detailed analysis covers the entire eld of BRICS international tax law,

considering topics such as the following: - information exchange procedures and pitfalls; - response to the OECD's Base Erosion and Profit-Sharing (BEPS) initiative; - role of bilateral and multilateral double taxation conventions including the Multilateral Instrument and the Bilateral Investment Treaties; - thin capitalization; - transfer pricing; - controlled foreign corporation rules; - shortcomings related to authorities' limited manpower; - international audit and investigation procedures; - the BRICS approach to residence and mandatory and binding arbitration; and - the BRICS approach to shaping the developing world's international tax system. Notably, the author personally conducted interviews with senior international representatives of the BRICS tax authorities, as well as with leading BRICS academics and practitioners. Tax cases, together with human rights and investment cases and administrative guidelines in all

ve countries are also included in the analysis. The study concludes with recommendations for improving each of the ve countries' tax law and procedures, especially in the area of dispute resolution. The author's goal is to extend the existing body of knowledge of the BRICS' international tax laws in order to assist in developing an understanding of the BRICS approach to dealing with evasion and avoidance: an approach which facilitates both outbound and inbound FDI, simplifies tax authority administration and establishes a basis for resolving international disputes which is compatible with sovereignty. In achieving this objective, the author has produced a major work that is of immeasurable value to tax advisers, government and governance officials, academics and researchers both in developing international taxation strategies and in helping to resolve disputes with tax authorities. Should the European Neighbourhood

Policy stop at the borders of the European Union's immediate neighbouring countries? This book is the first full length study of the 'neighbours of the EU's neighbours', a concept originally introduced by the European Commission with reference to Saharan Africa, the Middle East and Central Asia. These regions in the EU's broader neighbourhood are often perceived as an 'arc of crisis' from which manifold challenges emanate for Europe. This timely book takes stock of the state of the EU's cooperation with the neighbours of its neighbours and explores how the concept might help promote security, stability and prosperity beyond the countries which are formally part of the European Neighbourhood Policy. How can the EU create bridges between these regions? What instruments does the EU have at its disposal and how can it link them in order to respond to the challenges and overcome the current fragmentation? One of the conclusions is the

suggestion to consider a pragmatic 'EU Strategy for the Neighbours of its Neighbours' which addresses the needs of the broader EU neighbourhood in a more systematic and consistent manner and helps transform in the long run the 'arc of crisis' into another 'ring of friends'. What are the impacts of population growth? Can our planet support the demands of the ten billion people anticipated to be the world's population by the middle of this century? While it is common to hear about the problems of overpopulation, might there be unexplored benefits of increasing numbers of people in the world? How can we both consider and harness the potential benefits brought by a healthier, wealthier and larger population? May more people mean more scientists to discover how our world works, more inventors and thinkers to help solve the world's problems, more skilled people to put these ideas into practice? In this book, leading academics with a wide range of

expertise in demography, philosophy, biology, climate science, economics and environmental sustainability explore the contexts, costs and benefits of a burgeoning population on our economic, social and environmental systems. “Why do big projects go wrong so often, and are there any lessons you can use when renovating your kitchen? Bent Flyvbjerg is the ‘megaproject’ expert and Dan Gardner brings the storytelling skills to *How Big Things Get Done*, with examples ranging from a Jimi Hendrix studio to the Sydney Opera House.”—Financial Times
“Entertaining . . . There are lessons here for managers of all stripes.”—The Economist
BEST BOOK OF THE YEAR: Economist, Financial Times, CEO Magazine, Morningstar
Finalist for the Porchlight Business Book Award, the Financial Times and Schrodgers Business Book of the Year Award, and the Inc. Non-Obvious Book Award
Nothing is more inspiring than a big vision that becomes a triumphant,

new reality. Think of how the Empire State Building went from a sketch to the jewel of New York’s skyline in twenty-one months, or how Apple’s iPod went from a project with a single employee to a product launch in eleven months. These are wonderful stories. But most of the time big visions turn into nightmares. Remember Boston’s “Big Dig”? Almost every sizeable city in the world has such a fiasco in its backyard. In fact, no less than 92% of megaprojects come in over budget or over schedule, or both. The cost of California’s high-speed rail project soared from \$33 billion to \$100 billion—and won’t even go where promised. More modest endeavors, whether launching a small business, organizing a conference, or just finishing a work project on time, also commonly fail. Why? Understanding what distinguishes the triumphs from the failures has been the life’s work of Oxford professor Bent Flyvbjerg, dubbed “the world’s leading megaproject expert.” In *How Big Things Get*

Done, he identifies the errors in judgment and decision-making that lead projects, both big and small, to fail, and the research-based principles that will make you succeed with yours. For example: • Understand your odds. If you don't know them, you won't win. • Plan slow, act fast. Getting to the action quick feels right. But it's wrong. • Think right to left. Start with your goal, then identify the steps to get there. • Find your Lego. Big is best built from small. • Be a team maker. You won't succeed without an "us." • Master the unknown unknowns. Most think they can't, so they fail. Flyvbjerg shows how you can. • Know that your biggest risk is you. Full of vivid examples ranging from the building of the Sydney Opera House, to the making of the latest Pixar blockbusters, to a home renovation in Brooklyn gone awry, *How Big Things Get Done* reveals how to get any ambitious project done—on time and on budget. This study is a presentation of Zimbabwean refugee learner

experiences. Children escaped political persecution and economic problems which affected Zimbabwe in the year 2008. Many of these children were abused and witnessed traumatic experiences, their close relatives and neighbours being executed in cold blood. This study was guided by three critical questions: i) who are the Zimbabwean refugee learners? ii) what were Zimbabwean refugee learners' migration experiences? and iii) what were Zimbabwean refugee learners' school experiences? The study employed Bronfenbrenner's Social Ecological Model as its overarching theoretical framework. Each stage of the refugee experience was described at each point in time. The three regional economic communities (RECs) in Eastern and Southern Africa are the Common Market for Eastern and Southern Africa (COMESA), the East African Community (EAC) and the Southern African Development Community (SADC). Together, they have recognised the need

to work towards regional cooperation aimed at the eventual creation of a single regional economic community or Tripartite Free Trade Agreement (TFTA). This will replace the existent RECs in Eastern and Southern Africa to which the member states of these two regions have multiple membership. The TFTA region comprises a total of 27 member states which have a combined population of 527 million people and a combined gross domestic product (GDP) of USD 624 billion. These statistics translate into a potential regional economic powerhouse for Eastern and Southern Africa. One of the major goals of the TFTA is to harmonise trade arrangements among the three RECs, improve the movement of goods and persons within the single integrated region, facilitate the joint implementation of regional infrastructure projects and enhance co-operation of member states. This is a laudable initiative by the member states of the three

RECs and it is recognised that regional integration is the first step towards integration into a multilateral trading system. For the TFTA member states, it is crucial that there is an awareness to move towards a review of domestic customs legislation and policy and to develop regional, supranational legislation and regulations in order to gain a stronger competitive edge in the global market. This study shies away from proposing a „quick fix“ or „instant benefit“ to the harmonisation of TFTA member states customs legislative frameworks and policies and the development of a single automated, interoperable electronic customs system. Rather, it places its focus on long-term sustainable benefits which will be realised over time. The harmonisation of TFTA member state customs legislative policies and the resultant Information and Communications Technology (ICT) reforms to the customs processes of the TFTA member states, though not immediate

or short-term, will strategically position the region to conduct business in an increasingly volume driven, fast paced, electronic global economy. This collection asks questions about the received wisdom of the debate about capital punishment. Woven through the book, questions are asked of, and remedies proposed for, a raft of issues identified as having been overlooked in the traditional discourse. It provides a long overdue review of the disparate groups and strategies that lay claim to abolitionism. The authors argue that capital litigators should use their skills challenging the abuses not just of process, but of the conditions in which the condemned await their fate, namely prison conditions, education, leisure, visits, medical services, etc. In the aftermath of successful constitutional challenges it is the beneficiaries (arguably those who are considered successes, having been 'saved' from the death penalty and now serving living death

penalties of one sort or another) who are suffering the cruel and inhumane alternative. Part I of the book offers a selection of diverse, nuanced examinations of death penalty phenomena, scrutinizing complexities frequently omitted from the narrative of academics and activists. It offers a challenging and comprehensive analysis of issues critical to the abolition debate. Part II offers examinations of countries usually absent from academic analysis to provide an understanding of the status of the debate locally, with opportunities for wider application.

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