Personal Carbon Trading Cross-Border Data Transfers Regulations in the Context of International Trade Law: A PRC Perspective

This book focuses on the PRC's approach to cross-border data transfers in the context of international trade law. It explores the regulatory frameworks and policies in place, as well as the current challenges and opportunities for data exchange.

Cross-Border Data Transfers Regulations in the Context of International Trade Law: A PRC Perspective 2021-11-02

This book provides an in-depth analysis of the regulations governing cross-border data transfers in the context of international trade law, with a focus on the PRC's policies and practices. It examines the legal and policy landscape, as well as the implications for businesses and individuals involved in global data exchange.
cross border data transfer legislation in recent years as well as the implications for international trade law. The book addresses the convergence of industries and technologies notably caused by digitization, the issue of conflicts between goods and services and the general agreement on tariffs and trade (GATT) and general agreement on trade in services (GATS) as well as the difficulty of classifying service sectors under WTO members' commitments. The book also examines the FTAs that entered into force after 2012 that regulate digital trade beyond the venue of the WTO and analyzes their rules of relevance for cross-border data flows and international trade. It asks whether and how these FTAs have deliberately reacted to the increasing importance of data flows as well as to the trouble of governing them in the context of global governance.

**Shaping Science** 2020-11-06: A fascinating inside look at NASA missions that provides important insight on the organizational aspects of scientific collaboration. American Journal of Sociology in Shaping Science, Janet Vertesi draws on a decade of immersive ethnography with NASA's robotic spacecraft teams to create a comparative account of two great space missions of the early 2000s. Although these missions featured robotic explorers on the frontiers of the solar system, bravely investigating new worlds whose commands were issued from millions of miles away by a very human team, by examining the two teams' formal structures, decision-making techniques, and informal work practices in the day-to-day process of mission planning, Vertesi shows just how deeply entangled a team's local organizational context is with the knowledge they produce about other worlds. Using extensive embedded experiences on two NASA spacecraft teams, this is the first book to apply organizational studies of work to the laboratory environment in order to analyze the production of scientific knowledge itself. Engaging and deeply researched, Shaping Science demonstrates the significant influence that the social organization of a scientific team can have on the practices of that team and the results they yield, no matter how the lakes on Titan shimmer or what the mineralogy of a particular martian rock turns out to be. It was the people behind the spacecraft keyboards and endless teleconferences that drove what these interplanetary robots discovered. I'm glad to have come to know them even better through this book. Nature, a fun illuminating read, Scholars of science, technology, work, and organizations will find much to appreciate. American Journal of Sociology will be of great interest to all historians of science, technology, and culture.

**Latino Immigrant Youth and Interrupted Schooling** 2015-02-17: This book offers an innovative look at the pre and post-migration educational experiences of immigrant young adults with a particular focus on members of the Latino community. Combining quantitative data with original interviews, this book provides an engaging and nuanced look at a population that is both ubiquitous and overlooked. Challenging existing assumptions about those categorized as dropouts and closely examining the historical contexts for educational interruption in the chosen subgroup, the combination of accessible prose and compelling new statistical data appeals to a wide audience, particularly academic professionals, education practitioners, and policy makers.

**Protest Movements in Asylum and Deportation** 2018-04-18: This open access
This book deals with contestations from below of legal policies and implementation practices in asylum and deportation consequently it covers three types of mobilization: solidarity protests against the deportation of refused asylum seekers, refugee activism campaigning for residence rights and inclusion, and restrictive protests against the reception of asylum seekers by applying both a longitudinal analysis of protest events and a series of in-depth case studies in three immigration countries. This edited volume provides comparative insights into these three types of movement in Austria, Germany, and Switzerland over a time span of twenty-five years. Embedded in concepts of political change, limited state sovereignty, and migration control, the findings shed light on actors’ repertoires and the effects of protest activities. The contributions illustrate how local contexts, national political settings, issue specifics, and social ties lead to distinctly different forms of protest emergence, dynamics, and strategies. Additionally, they give a profound understanding of the mechanisms and constellations that contribute to protest success both in terms of preventing deportations of individuals and as well as changing policies. In sum, this book constitutes a major contribution to empirically informed theoretical reflections on collective contestation in the fields of refugee studies and social protest movements.

Google and the Law 2012-02-23 Google’s has proved to be one of the most successful business models in today’s knowledge economy. Its services and applications have become part of our day-to-day life. However, Google has repeatedly been accused of acting outside the law in the development of services such as AdWords, GoogleBooks, or YouTube. One of the main purposes of this book is to assess whether those accusations are well-founded. But more important than that, this book provides a deeper reflection on whether current legal systems are adapted to business models such as that of Google or are they conceived for an industrial economy? Do the various lawsuits involving Google show an evolution of the existing legal framework that might favour the flourishing of other knowledge economy businesses or do they simply reflect that Google has gone too far? What lessons can other knowledge-based businesses learn from all the disputes in which Google has been or is involved? This book is valuable reading for legal practitioners and academics in the field of information technologies and intellectual property law, economists interested in knowledge economy business models, and sociologists interested in internet and social networks. Dr. Aurelio Lopez Tarruella is Senior Lecturer in Private International Law at the University of Alicante, Spain.

Democracy in Transition 2012-12-22 The papers in this collection written by a cross-regional group of experts provide insights into the causes of declining levels of citizen participation and other distinct forms of civic activism in Europe and explore a range of factors contributing to apathy and eventually disengagement from vital political processes and institutions. At the same time, this volume examines informal or unconventional types of civic engagement and political participation, corresponding to the rapid advances in culture, technology, and social networking. The volume is divided into three interrelated parts: Part I consists of critical essays in the form of theoretical approaches to analysing weakening political participation and citizen estrangement.
Learning and Diversity in the Cities of the Future 2014-12-23

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 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 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) that is based on the principles of learner autonomy ownership and empowerment. PLEs are integrated individual environments for learning that 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.

Occupational Therapy Evidence in Practice for Mental Health 2017-02-21

Occupational therapy evidence in practice for mental health is an accessible and informative guide to the application of theory and the evidence base to contemporary clinical practice. Fully updated throughout, chapters cover a range of mental health issues, approaches, and settings, including service user and carer involvement, group work, services for older people, interventions, forensic mental health, and managing depression. Key features written by an expert author team drawing on a wide range of evidence service contexts, national policy, and legislation focus on person-centred practice in mental health services. Each chapter also contains a variety of learning features including task boxes, reflective questions, and further readings to aid understanding and demonstrate the use of evidence to inform clinical decision-making. The second edition of this easy-to-read and practical textbook is an ideal resource for occupational therapy students, clinical practitioners, and anyone looking for a concise, accessible guide to evidence-based practice and how it informs...
education plays a vital role in the positive development of communities at both a local and global level by becoming more informed citizens can make better contributions to society open and distance learning initiatives for sustainable development is a critical reference source for emerging academic perspectives on the role of higher education programs in contemporary society including a range of pertinent topics such as mobile learning environmental education and community building this book is ideally designed for educators researchers students and professionals interested in the intersection between sustainable development and education

Football and Migration

football is an incredibly powerful case study of globalization and an extremely useful lens through which to study and understand contemporary processes of international migration this is the first book to focus on the increasingly complex series of migratory processes that contour the contemporary game drawing on multi disciplinary approaches from sociology history geography and anthropology to explore migration in football in established emerging and transitional contexts the book examines shifting migration patterns over time and across space and analyses the sociological dynamics that drive and influence those patterns it presents in depth case studies of migration in elite men s football exploring the role of established leagues in europe and south america as well as important emerging leagues on football s frontier in north america and asia the final section of the book analyses the movement of groups who have rarely been the focus of migration research before including female professional players elite youth players amateur players and players families drawing on important new research in ghana england haiti and the dominican republic few other sports have such a global reach and therefore few other sports are such an important location for cross cultural research and insight across the social sciences this book is engaging reading for any student or scholar with an interest in sport sociology human geography migration international labour flows globalization development or post colonial studies

Debates on U.S. Immigration

this volume uses introductory essays followed by point counterpoint articles to explore prominent and perennially important debates providing readers with views on multiple sides of the complex issue of us immigration

Sustainable Regeneration of Former Military Sites

sustainable regeneration of former military sites is the first book to analyze a profound land use change happening all over the world the search for sustainable futures for property formerly dedicated to national defense now becoming redundant disposed of and redeveloped the new military necessity for rapid flexible response requires quite different physical resources from the massive fixed positions of the cold war with huge tracts of land and buildings looking for new uses the transition from military to civilian life for these complex contaminated isolated heritage laden and often contested sites in locations ranging from urban to remote is far from easy there is very little systematic analysis of what follows base closures leaving communities governments developers and planners
experimenting with untested land use configurations partnership structures and financing strategies with twelve case studies drawn from different countries many written by those involved sustainable regeneration of former military sites enables the diverse stakeholders in these projects to discover unique opportunities for reuse and learn from others experiences of successful regeneration

**China's Trade, Exchange Rate and Industrial Policy Structure** 2013 this book aims at assessing the potential impacts of China's macro economic trade exchange rate and reserve management policies for industrial structure and performance it uses data analysis and econometric methods applied to recent Chinese data it has a special focus on the performance of the Chinese economy both during and after the 2008 global financial crisis the book will be of interest to researchers and practitioners in governmental and international agencies both in China and outside of the country

**Issues in Aging** 2018-02-02 issues in aging combines social psychological biological and philosophical perspectives to present a multifaceted picture of aging Novak illustrates both the problems and the opportunities that accompany older age this text helps students understand the tremendous variability in aging and introduces them to careers working with older adults this new edition reflects the continued changes in the way we age the fourth edition has been updated to include emerging issues in aging these include the prevalence of HIV AIDS in later life current research on mental potential in old age the creation of age friendly cities and new options for end of life care each chapter begins with a set of learning objectives to guide students in their reading and concludes with a list of main points questions for discussion or study suggested readings and relevant web sites to consult each chapter also includes up to date charts and graphs as well as key terms to help students understand the issues presented break out boxes reveal the human side of aging through the stories of individuals in real life and in the media

**The Economics of Food Loss in the Produce Industry** 2019-11-20 food loss is a serious issue in the United States it affects all aspects of the supply chain from farmers to consumers while much is already known about loss at the consumer level our understanding of the amount of food that never makes it to this stage is more limited the economics of food loss in the produce industry focuses on the economics of food loss as they apply to on farm produce production and the losses that are experienced early the book both analyses current food loss literature and presents new empirical research it draws lessons from those who have encountered these issues by focusing on how past regional or national estimates of food loss have been conducted with varying degrees of success it includes chapters on several themes understanding food loss from an economic perspective efforts to measure food loss case studies across commodities within the produce industry and economic risks and opportunities the commodity case studies provide detailed discussion of factors impacting changes in loss levels within the produce industry and a wealth of knowledge on strategies and contexts is developed the book concludes by identifying critical knowledge gaps and establishing future priorities this book serves as an essential reference guide for academics researchers students legislative
liaisons non profit associations and think tank groups in agriculture and agricultural economics

**Semantic Mashups** 2013-04-05 mashups are mostly lightweight applications that offer new functionalities by combining aggregating and transforming resources and services available on the popular examples include a map in their main offer for instance for real estate hotel recommendations or navigation tools mashups may contain and mix client side and server side activity obviously understanding the incoming resources services statistical figures text videos etc is a precondition for optimally combining them so that there is always some undercover semantics being used by using semantic annotations neutral mashups permute into the branded type of semantic mashups further and deeper semantic processing such as reasoning is the next step the chapters of this book reflect the diversity of real life semantic mashups two overview chapters take the reader to the environments where mashups are at home and review the regulations standards guidelines etc mashups are based on and confronted with chapters focusing on dbpedia search engines and the of things inspect the main surroundings of mashups while mashups upgrading search queries may be nearer to the everyday experience of readers mashups using dbpedia input and sensor data from the real world lead to important new and therefore less known developments finally the diversity of mashups is tracked through a few application areas mathematical knowledge speech crisis and disaster management recommendations for games inner city information and tourism participants of the ai mashup challenge wrote all the chapters of this book the authors were writing for their current and future colleagues researchers and developers all over the who integrate mashup functionalities into their thinking and possibly into their applications

**Kozier & Erb's Fundamentals of Nursing Australian Edition** 2014-12-01 kozier and erb s fundamentals of nursing prepares students for practice in a range of diverse clinical settings and help them understand what it means to be a competent professional nurse in the twenty first century this third australian edition has once again undergone a rigorous review and writing process contemporary changes in the regulation of nursing are reflected in the chapters and the third edition continues to focus on the three core philosophies person centred care critical thinking and clinical reasoning and cultural safety students will develop the knowledge critical thinking and clinical reasoning skills to deliver care for their patients in ways that signify respect acceptance empathy connectedness cultural sensitivity and genuine concern

**Brazilian Medicinal Plants** 2019-11-11 the vast and exciting brazilian flora biodiversity is still underexplored several research groups are devoted to the study of the chemical structure richness found in the different biomes this volume presents a comprehensive account of the research collated on natural products produced from brazilian medicinal plants and focuses on various aspects of the field the authors describe the key natural products and their extracts with emphasis upon sources an appreciation of these complex molecules and applications in science many of the extracts are today associated with important drugs nutrition products beverages perfumes cosmetics and pigments and these are
highlighted key features presents brazilian biodiversity its flora its people and its research describes the emergence of natural products research in brazil emphasizes the increasing global interests in botanical drugs aids the international natural product communities to better understand the herbal resources in brazil discusses brazilian legislation to work with native plants

**Universities, Entrepreneurial Ecosystems, and Sustainability** 2021-12-06
this volume presents theoretical and empirical research on universities and their entrepreneurial ecosystems to better grasp the connections between universities and their surrounding environments and their engagement with sustainability the book provides a better understanding of the entrepreneurial characteristics of universities it examines the ways in which universities collaboration and participation in an ecosystem support business and industry transformation it also investigates how universities function within the university industry government third sector relationship nexus the book enables the systematisation of the literature while simultaneously builds theory empirically testing existing theories and contributes towards a future research agenda geared towards sustainability the book gathers contributions from varied geographical contexts providing an international perspective

**Realizing the Abidjan Principles on the Right to Education** 2021-05-28
this insightful book analyses the process of the first adoption of guiding human rights principles for education the abidjan principles it explains the development of the abidjan principles including their articulation of the right to education the state obligation to provide quality public education and the role of private actors in education

**Nanotechnology and Global Sustainability** 2018-09-03 the rise of collaborative consumption peer to peer systems and not for profit social enterprise heralds the emergence of a new era of human collectivity increasingly this consolidation stems from an understanding that big banner issues such as climate change are not the root causes of our present global predicament there is a growing and collective view that issues such as this are actually symptoms of a much more vicious seemingly insurmountable condition our addiction to economic consumption and population growth in a world of finite resources nanotechnology and global sustainability uses nanotechnology the product of applied scientific knowledge to control and utilize matter at atomic and molecular scales as a lens through which to explore the interrelationship between innovation politics economy and sustainability this groundbreaking book addresses how stakeholders can actively reshape agendas to create positive and sustainable futures through this latest controversial cross sectoral technology it moves beyond issues of efficiency productivity and utility exploring the insights of 22 contributors from around the world whose work spans the disciplines of science and the humanities their combined knowledge reinforced with various case studies introduces an exciting prospect how we can innovate without economic growth this new volume in the perspectives in nanotechnology series is edited by dr donald maclurcan and dr natalia radywyl dr maclurcan is a social innovator and honorary research fellow with the institute for nanoscale technology at the university of technology sydney australia dr radywyl is a social
researcher and honorary research fellow in the school of culture and communication at the university of melbourne australia she is also an adjunct research fellow in the faculty of life and social sciences at swinburne university of technology melbourne this book is written for a wide audience and will be of particular interest to activists scholars policy makers scientists business professionals and others who seek an understanding of how we might justly transition to sustainable societies

Civil Society, Conflict and Violence 2012-08-02 this book is available as open access through the bloomsbury open access programme and is available on bloomsburycollections com this book looks at the role that civil society organizations play in dealing with conflict and violence the authors argue that in most of the prevalent conceptualizations the conflict dimension of civil society is either downplayed or inadequately addressed they contend that the ability to deal with conflict is at the heart of organized civil society in the political process one of civil society s key functions is to express and mediate between different interests thus contributing to political decision making the chapters draw on detailed empirical data from the civicus civil society index a unique comparative data set drawn from 25 countries which has not previously been made publicly available it examines the different ways violence has been manifested in civil societies the meaning of violent protest and the impact of security legislation that might hinder the mediating efforts of civil society the book offers a sophisticated comparison between conflict and post conflict countries and an analysis of the role of civil society in conflict resolution reconciliation and transitional justice

The Rise of Africa's Middle Class 2016-12-15 across africa a burgeoning middle class has become the poster child for the africa rising narrative ambitious aspirational and increasingly affluent this group is said to embody the values and hopes of the new africa with international bodies ranging from the united nations development programme to the world bank regarding them as important agents of both economic development and democratic change this narrative however obscures the complex and often ambiguous role that this group actually plays in african societies bringing together economists political scientists anthropologists and development experts and spanning a variety of case studies from across the continent this collection provides a much needed corrective to the received wisdom within development circles and provides a fresh perspective on social transformations in contemporary africa

The Routledge Handbook of Irish Criminology 2015-12-14 the routledge handbook of irish criminology is the first edited collection of its kind to bring together the work of leading irish criminologists in a single volume while irish criminology can be characterised as a nascent but dynamic discipline it has much to offer the irish and international reader due to the unique historical cultural political social and economic arrangements that exist on the island of ireland the handbook consists of 30 chapters which offer original comprehensive and critical reviews of theory research policy and practice in a wide range of subject areas the chapters are divided into four thematic sections understanding crime examines specific offence types including homicide gangland crime and white collar crime and the theoretical perspectives used to explain them
responding to crime explores criminal justice responses to crime including crime prevention restorative justice approaches to policing and trial as well as post conviction issues such as imprisonment community sanctions and rehabilitation contexts of crime investigates the social political and cultural contexts of the policymaking process including media representations politics the role of the victim and the impact of gender emerging ideas focuses on innovative ideas that prompt a reconsideration of received wisdom on particular topics including sexual violence and ethnicity charting the key contours of the criminological enterprise on the island of ireland and placing the irish material in the context of the wider european and international literature this book is essential reading for those involved in the study of irish criminology and international and comparative criminal justice

**Economic Growth and the Middle Class in an Economy in Transition**

2017-01-24 this book studies the evolution of the middle class in russia after the fall of the soviet union using data from the rlms russia longitudinal monitoring survey the volume covers the period of transition 1991 2008 during which many fundamental economic reforms were implemented the first part of the book is devoted to a discussion of the concept of middle class and a description of the economic situation in russia during the transition period particular attention is given to variations in the distribution of russian incomes and the estimated importance of the middle class the second part of the book focuses on the link between the middle class and income bipolarization the third and last section of the book uses the semiparametric mixture model to discover how many different groups may be derived from the income distribution in russia as well as what the main socio economic and demographic characteristics of those groups are the mobility of households into and out of the middle class during the transition period is also studied in hopes of determining the factors that contribute to such mobility using rigorous empirical methods this volume sheds light on a relatively unstudied economic group and provides insight for countries which are about to enter a transition period as such this book will be of great interest to researchers in economics and inequality as well as professionals and practitioners working with international organizations

**Impact of Information Society Research in the Global South**

2015-04-15 the second volume in the sirca book series investigates the impact of information society initiatives by extending the boundaries of academic research into the realm of practice global in scope it includes contributions and research projects from asia africa and latin america the international scholarly community has taken a variety of approaches to question the impact of information society initiatives on populations in the global south this book addresses two aspects impact of research how is the research on icts in the global south playing a role in creating an information society e g policy formulation media coverage implementation in practice and research on impact what is the evidence for the impact of icts on society i e the objectives of socio economic development this volume brings together a multiplicity of voices and approaches from social scientific research to produce an engaging volume for a variety of stakeholders including academics researchers practitioners policy makers
and those in the business and civil sectors of society.

Sustainable Finances and the Law 2023-04-05 producing mayaland producing mayaland powerfully captures the extent to which the abstract spaces of global capital are infused with colonial fantasies haunted by uncanny ruins and plagued by monstrous manifestations of ecological breakdown through a compelling account of the maquiladora industry in the Yucatan Peninsula. Claudia Fonseca Alfaro vividly conveys the inextricable entanglements of the capitalist production of space and the coloniality of power. Japhy Wilson, School of Social Sciences, University of Manchester, UK, in producing Mayaland, Claudia Fonseca Alfaro finds a unique voice to narrate the contested relations between everyday life, urbanization, and the uneven development of capitalism in Motul, Yucatán, México. The remarkable insights of this work emerge from her innovative synthesis of critical urban theory, anticolonialism, and magical realism all grounded in an imaginative appropriation of Henri Lefebvre’s oeuvre on the production of space. Kanishka Goonewardena, Professor of Geography and Planning, University of Toronto, critical urban theory and postcolonial approaches are brought together in this compelling book to explore the relationship between colonial legacies, urbanization, and global capitalism in Southern Mexico. Producing Mayaland investigates the boom to bust story of maquiladoras in the state of Yucatán to shed light on how the built environment was shaped by discourse imaginaries and everyday practices in making sense of this social production of space. The author examines infrastructure constructed to support the maquiladora project and traces the attempts of the state to portray Yucatán as an exotic and business-friendly maquiladora paradise. These practices stand in contrast to the livelihood strategies and life stories of maquiladora workers and residents carefully weaving geography, history, and ethnography. The author draws on a wide range of sources to illustrate a central tension in capitalism: its tendency to homogenize while thriving in differentiation. With important insights into an understudied location, Producing Mayaland urges us to understand urbanization in the global south in new ways.

Producing Mayaland 2023-12-22 this book examines the role legal rules play in the resolution of disputes in transboundary river basins when states fail to resolve disputes over shared water resources. Many cast such failures on inadequate or ineffective legal rules with this view in mind, this book examines the role that legal rules do and can play in aiding the peaceful settlement of disputes and furthering cooperation between different parties. Building on the interactional theory of law, this book formulates three analytical frameworks: the effect of norm generating processes, the effects of water-related agreements and arrangements in the basins, and the effect of international water. It uses these frameworks to assess the role of law in the processes of cooperation and peaceful settlement of disputes on transboundary river basins by drawing on four illustrative case studies: the Jordan River basin, the Nile River basin, the Mekong River basin, and the Indus River basin. In doing so, this book presents a unique perspective on the multifunctional role of legal rules in those processes tapping into the global discussion on water security and water-related conflicts. This book stimulates readers to explore broader or interdisciplinary perspectives for understanding water-related
issues this book will be of great interest to students and scholars interested in water resource management, water law, environmental politics, conflict resolution, and sustainable development. More generally, the book provides a detailed analysis of the institutional transformations brought about by the financial crisis focusing on the institution building of the Economic and Monetary Union of the European Union and the crisis-reaching course in several member states. It discusses the seemingly contradictory interplay between national and European institutions and the law resulting from the crisis arguing that the anti-crisis exceptionality constitutes the matrix of the new normality of the reformed European economic governance. The author carries out a critical analysis of the new economic governance and its case law with regular reference to relevant political episodes, key economic figures, and the hitherto lax modes and rules. The author also offers deep insights into the Greek adjustment programme and the crisis-related Greek and Portuguese constitutional case law presented in comparison with the German and French case law. The book concludes with a critical overview of the profound mutations in the role of national constitutions instigated by the new European economic governance and the emergence of a democratically deficient meta-constitutional mode of functioning of both the European institutions and national constitutions.

The Flight of Icarus 2012-12-16: Energy efficiency represents a cost-effective and immediate strategy for sustainable development due to substantial environmental and economic implications. A strong emphasis is put on the electrical energy requirements of machine tools for metalworking processes. The improvement of energy efficiency is however confronted with diverse barriers which sustain an energy efficiency gap of unexploited potential. The deficiencies lie in the lack of information about the actual energy requirements of machine tools. A minimum energy reference is needed to quantify improvement potential and the possible actions to improve the energy demand. Therefore, a comprehensive concept for energy performance management of machine tools is developed which guides the transition towards energy efficient machine tools. It is structured in four innovative concept modules which are embedded into a step-by-step workflow. The capability of the performance management concept is demonstrated in an automotive manufacturing environment. The target audience primarily comprises researchers and practitioners challenged to enhance energy efficiency in manufacturing. The book may also be beneficial for graduate students who want to specialize in this field.

Transition Towards Energy Efficient Machine Tools 2018-11-09: Designing a fair, effective, and acceptable regime that will reconcile public interest and the public's need for an uninterrupted flow of essential services on the one hand while maintaining the freedom of collective bargaining on the other is an ever more difficult public policy challenge. This book, the first detailed comparative analysis of existing legal approaches and practical approaches across key national jurisdictions, provides a structured and insightful overview of the law and practice of regulating strikes in essential services. As such, it can be of great value for public policy debate and the enhancement of national law. The editors have assembled experts from fourteen countries who describe and analyse.
their respective country’s experience with strikes in essential services and the legislative and judicial as well as informal approaches towards regulating and intervening in such strikes departing from legal theory with systematic comparative law in action research the contributors offer innumerable valuable insights into a broad array of issues and topics as the following mechanisms aiming at compensating employees for encroaching on their collective bargaining rights public accountability and responsible management of public finance role of international conventions effects of globalization and advances in technology privatization outsourcing and the decline of unions and workers solidarity growing popular intolerance towards strikes in essential services effect of human rights related court decisions convergence and divergence among contemporary legal regimes in defining and approaching strikes in essential services dispute process design and dispute resolution processes mediation conciliation and arbitration and substantive and procedural restrictions on the right to organize bargain collectively and strike the country reports are preceded by a detailed analysis of the inherent normative policy dilemma and a conceptual framework for designing and evaluating models of regulation the concluding chapter presents a comparative overview of the insights gained with its comparative perspective on one of the most sensitive areas of industrial relations and labour law and its contextually relevant options for strategic choice and public policy debate this incomparable volume will be welcomed by labour lawyers legislators policy makers judicial bodies and researchers in the field of collective labour relations and fundamental human rights of workers on the national as well as international level

Regulating Strikes in Essential Services 2014-09-19 this book analyses how financial elites in key dollar holding emerging markets perceive the contest between the euro and the dollar for global currency status it also assesses how far the eurozone has gone in challenging us hegemony in monetary affairs through the prism of these elites drawing on chartalist and constructivist theories of money the author provides a systematic approach to studying global currency dynamics and presents extensive original empirical data on financial elites in china saudi arabia the uae and brazil the author demonstrates amongst other things how the gradual ascendance of a structurally flawed currency like the euro has highlighted the weaknesses of the dollar ad how the euro has demonstrated that sovereignty sharing in monetary affairs is possible and that the international monetary system can be a multicurrency and multilateral system in this highly innovative and important book otero iglesias shows the importance of studying financial elites in brazil china and the gcc countries in order to understand the full impact material and ideational of the euro in the transformation of the ims it will be vital reading for students and scholars of international political economy international economics international finance economic history economic sociology international relations comparative political economy and comparative politics

The Euro, The Dollar and the Global Financial Crisis 2021-06-12 this book provides an overview of facts theories and methods from hydrology geology geophysics law ethics economics ecology engineering sociology diplomacy
and many other disciplines with relevance for concepts and practice of water resources management it provides comprehensive but also critical reading material for all communities involved in the ongoing water discourses and debates the book refers to case studies in the form of boxes sections or as entire chapters they illustrate success stories but also lessons to be remembered to avoid repeating the same mistakes based on consolidated state of the art knowledge it has been conceived and written to attract a multidisciplinary audience the aim of this handbook is to facilitate understanding between the participants of the international water discourse and multi level decision making processes knowing more about water but also about concepts methods and aspirations of different professional disciplinary communities and stakeholders professionalizes the debate and enhances the decision making

Handbook of Water Resources Management: Discourses, Concepts and Examples 2021-08-18 this book focuses on the ways in which resiliency can foster the transformation of cities there is a growing need for our cities to be transformed into smart cities in this regard tremendous efforts are called for in order to face the environmental challenges that play a major role in the creation or transformation of cities and environments this book covers a broad range of applications and approaches that are smart and resilient which when combined offer much more flexibility concerning the future of our cities consequently this simple combination which is producing sweeping changes around the globe has attracted considerable attention from scholars and decision makers alike

Resilient and Responsible Smart Cities 2016-05-06 with specific attention to irregular migrant workers that is to say those without legal permits to stay in the countries in which they work this volume focuses on domestic work presenting studies from ten european countries including belgium france germany greece ireland italy the netherlands and spain offering a comparative analysis of irregular migrants engaged in all kinds of domestic work the authors explore questions relating to employment conditions health issues and the family lives of migrants the book examines the living and working conditions of irregular migrant domestic workers their relations with employers their access to basic rights such as sick leave sick pay and holiday pay as well as access to health services close consideration is also given to the challenges for family life presented by workers status as irregular migrants with regard to their lives both in their countries of origin and with their employers through analyses of the often blurred distinction between legality and illegality the notion of a career in domestic work and the policy responses of european nations to the growth of irregular migrant domestic work this volume offers various conceptual developments in the study of migration and domestic work as such it will appeal to sociologists political scientists geographers and anthropologists with interests in migration gender the family and domestic work

Irregular Migrant Domestic Workers in Europe 2019-05-20 the routledge handbook of halal hospitality and islamic tourism provides a greater understanding of the current debates associated with islamic tourism and halal hospitality in the context of businesses communities destinations and the wider socio political context it therefore sheds substantial light
on one of the most significant travel and consumer markets in the world today and the important role of religion in contemporary hospitality and tourism the book examines halal hospitality and lodging islamic markets product developments heritage certification and emerging and future trends and issues it integrates case studies from a range of countries and destinations and in doing so emphasises the significant differences that exist with respect to regulating and commodifying halal as well as stressing that the islamic market is not monolithic written by highly regarded international academics it offers a range of perspectives and enables a comprehensive discussion of this integral part of islam and contemporary society this handbook will be of significant interest to upper level students researchers and academics in the various disciplines of tourism hospitality food studies marketing religious studies geography sociology and islamic studies

The Routledge Handbook of Halal Hospitality and Islamic Tourism
2014-11-12 with many oecd countries experiencing a decline in their populations this book offers a theoretical model of coping with demographic change and examines different strategies that societies have used to come to terms with demographic change in particular it details the different ways that germany and poland have tried to cope with this challenge and reveals three conflicting strategies expansion reduction and phasing out coverage includes how and why demographic change was used in poland to expand the education system the variance of linkage between demographic change and growth rates in different fields of education in a german bundesland modes of reflexivity and personnel policy in german and polish municipalities effects of demographic change and forms of coping on fiscal capacity and unemployment rates in german municipalities coping with demographic change examines how and why societies cope with these detrimental effects it conceptualizes the challenges a society faces as a result of demographic change and focuses on the processes by which actors organizations and nation states try to cope with this new situation

Coping with Demographic Change: A Comparative View on Education and Local Government in Germany and Poland
2013-05 across the ages technological developments have been accelerated by the military this results from the fact that able bodied vibrant youths are generally involved and are also exposed to high tech training prevailing at their times for assignments defence and security that are essential but not desired they form the armed forces for the nations such brilliant military officers like caesar and napoleon made their marks and in contemporary times the armed forces of united states france britain australia etc are making remarkable contributions to technological developments such infrastructure as the internet the gps and the cell phones are products that have significant military contributions this book scans across the major regions of the world highlights the efforts of representative countries in the regions and observes that nations that have harnessed the efforts of their armed forces have progressively developed it is also observed that developments in america and europe though not entirely dependent on their armed forces have been greatly affected by their efforts in asia such countries as the people s republic of china brazil india pakistan and singapore utilise the human and material resources within the armed forces for national growth
and cohesion development effort is least in the African region except South Africa and Egypt notwithstanding the high potentials as exhibited by Nigeria's armed forces although attempts to industrialise through the armed forces may be able to create economic development for developing nations such as historical background economic resources political climate government policies and infrastructure are equally important economic development programme of an aspiring country should:

1. Promote education and access to knowledge
2. Aspire to economic self-sufficiency in economic power
3. Allow and promote private sector and foreign participation in defence production research and development
4. Commit itself to the establishment and support of defence industries
5. Indigenise defence programmes establish a balance between military and economic development
6. Mobilise the nation's economy through technology partnership with the private sector and foreign investors

The Armed Forces: Instrument of Peace, Strength, Development and Prosperity

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