

Cambridge Administrative Guide 2014 International

Effective healthcare delivery is a vital concern for citizens and communities across the globe. The numerous facets of this industry require constant re-evaluation and optimization of management techniques. The Handbook of Research on Healthcare Administration and Management is a pivotal reference source for the latest scholarly material on emerging strategies and methods for delivering optimal healthcare opportunities and solutions. Highlighting issues relating to decision making, process optimization, and technological applications, this book is ideally designed for policy makers, administrators, students, professionals, and researchers interested in achieving superior healthcare solutions.

How do international organizations procure goods, services and works to carry out their institutional mission? How does this procurement activity affect individuals? Does the procurement relationship between international organizations and private subjects bring an even distribution of rights and duties? Are international organizations accountable to private subjects and states when allocating their resources through procurement? The book explores the complex phenomenon of procurement by international organizations from the point of view of the relationship between international organizations and private subjects. It provides, for the first time, a systematization and conceptualization of the emerging rules and practices of procurement by international organizations. It also identifies the international political dynamics and interplay of interests underlying these rules and practices. In doing so, it shows how these dynamics shape the exercise of international public authority over private subjects, and the scope of private subjects' rights vis-à-vis international organizations.

This book explores the role of actors in determining transitional justice in peacebuilding contexts. In recent decades, transitional justice mechanisms and processes have been introduced to a variety of settings, becoming widely regarded as essential elements in the 'peacebuilding toolbox'. While it has increasingly been suggested that transitional justice is imposed by neo-imperial actors with little regard for the needs and cultures of local populations, evidence suggests that dismissing these policies as neo-imperial or neo-liberal impositions would result in grossly overlooking their dynamics, which involve a whole range of relevant actors operating at multiple levels. This book interrogates this theme through empirical analysis of three sites of peacebuilding that have seen extensive international involvement: Kosovo, East Timor and Afghanistan. It proposes a novel framework for analysing and approaching transitional justice in peacebuilding that disaggregates three broad sets of actors operating at different levels in relevant processes: external actors (international and regional levels), transitional justice promoters (local, national, international and transnational levels), and transitional regimes (national and local levels). The book argues that transitional justice in peacebuilding must be conceived of as

actor-contingent and malleable due to the significance of agency and (inter)actions of key categories of actors throughout peacebuilding transition. This book will be of interest to students and practitioners of transitional justice, peacebuilding, law, and International Relations.

Medical Devices and Regulations: Standards and Practices will shed light on the importance of regulations and standards among all stakeholders, bioengineering designers, biomaterial scientists and researchers to enable development of future medical devices. Based on the authors' practical experience, this book provides a concise, practical guide on key issues and processes in developing new medical devices to meet international regulatory requirements and standards. Provides readers with a global perspective on medical device regulations Concise and comprehensive information on how to design medical devices to ensure they meet regulations and standards Includes a useful case study demonstrating the design and approval process

The Responsibility to Protect (R2P) is intended to provide an effective framework for responding to crimes of genocide, ethnic cleansing, war crimes, and crimes against humanity. It is a response to the many conscious-shocking cases where atrocities - on the worst scale - have occurred even during the post 1945 period when the United Nations was built to save us all from the scourge of genocide. The R2P concept accords to sovereign states and international institutions a responsibility to assist peoples who are at risk - or experiencing - the worst atrocities. R2P maintains that collective action should be taken by members of the United Nations to prevent or halt such gross violations of basic human rights. This Handbook, containing contributions from leading theorists, and practitioners (including former foreign ministers and special advisors), examines the progress that has been made in the last 10 years; it also looks forward to likely developments in the next decade.

The way that nation states design their tax systems impacts the sharing of resources and wealth within and across societies. To date, wealthy countries have made tax policy design and coordination choices which allow them to claim more than they are justifiably entitled to from the global economy. In *Tax Cooperation in an Unjust World*, Allison Christians and Laurens van Apeldoorn show how this presently accepted reality both facilitates and feeds off continued human suffering, and therefore violates conceptions of international distributive justice. They examine two principles that govern tax cooperation across states, and explain how the current international tax order impedes their realization. They then show how states could work toward fulfilling the principles and building a fairer international tax system via incremental yet effective adaptation of key international tax norms and rules.

Corruption has become a central issue in current policy debates. This Handbook provides state of the art research on this important topic. It demonstrates the disastrous effects of high levels of corruption for most areas of human well-being and

presents research results about strategies that can get corruption under control.

One of the major objectives of good governance is human development. Many worry that without good governance, many developing countries may become failed states. Using one of the worst industrial disasters in Bangladesh to date, Haroon A. Khan helps further our understanding of the importance of bureaucratic capacity for achieving good governance and offers a new paradigm for a merit system to improve governance. In doing so, he introduces the reader to the concept of good governance and its importance by investigating its relationship with failed states, globalization, bureaucratic effectiveness, and human development. *The Idea of Good Governance and the Politics of the Global South* will be useful for the students interested in political science, public administration and international relations.

The Handbook of Leadership and Administration for Special Education brings together research informing practice in leading special education from preschool through transition into postsecondary settings. The second edition of this comprehensive handbook has been fully updated to provide coverage of disability policy, historical roots, policy and legal perspectives, as well as effective, collaborative, and instructional leadership practices that support the administration of special education. It can be used as a reference volume for scholars, administrators, practitioners, and policy makers, as well as a textbook for graduate courses related to the administration of special education. *The Oxford Handbook of International Legal Theory* provides an accessible and authoritative guide to the major thinkers, concepts, approaches, and debates that have shaped contemporary international legal theory. The Handbook features 48 original essays by leading international scholars from a wide range of traditions, nationalities, and perspectives, reflecting the richness and diversity of this dynamic field. The collection explores key questions and debates in international legal theory, offers new intellectual histories for the discipline, and provides fresh interpretations of significant historical figures, texts, and theoretical approaches. It provides a much-needed map of the field of international legal theory, and a guide to the main themes and debates that have driven theoretical work in international law. The Handbook will be an indispensable reference work for students, scholars, and practitioners seeking to gain an overview of current theoretical debates about the nature, function, foundations, and future role of international law.

Drawing on research from the administrative sciences and using organizational, institutional and decision-making theories, this volume examines the emerging bureaucratic framework of the EU and highlights that analyzing the patterns and dynamics of the EU's administrative capacities is essential to understand how it shapes European public policy.

This Handbook explores the main themes and topics of the emerging field of Global Administrative Law with contributions by leading scholars and experts from universities and organizations around the world. The variety of the subjects addressed and the internationality of the Handbook's perspectives make for a truly global and multi-dimensional view of the field. The book first examines the growth of global administrations, their interactions within global networks, the emergence of a global administrative process, and the development of the rule of law and democratic principles at a global level. It goes on to illustrate the relationship between global law and other legal orders, with particular attention to regional systems and national orders. The final section, devoted to the emergence of a global legal culture, brings the book full circle by identifying the growth of a global epistemic community. *The Research Handbook on Global Administrative Law* provides a contemporary overview of the nascent field in detailed yet accessible terms, making it a valuable book for university courses. Academics and

scholars with an interest in international law, administrative law, public law, and comparative law will find value in this book, as well as legal professionals involved with international and supranational organizations and national civil servants dealing with supranational organizations. Fifteen in a series of annual reports comparing business regulation in 190 economies, Doing Business 2018 measures aspects of regulation affecting 10 areas of everyday business activity: • Starting a business • Dealing with construction permits • Getting electricity • Registering property • Getting credit • Protecting minority investors • Paying taxes • Trading across borders • Enforcing contracts • Resolving insolvency. These areas are included in the distance to frontier score and ease of doing business ranking. Doing Business also measures features of labor market regulation, which is not included in these two measures. The report updates all indicators as of June 1, 2017, ranks economies on their overall “ease of doing business†”, and analyzes reforms to business regulation †“ identifying which economies are strengthening their business environment the most. Doing Business illustrates how reforms in business regulations are being used to analyze economic outcomes for domestic entrepreneurs and for the wider economy. It is a flagship product produced in partnership by the World Bank Group that garners worldwide attention on regulatory barriers to entrepreneurship. More than 137 economies have used the Doing Business indicators to shape reform agendas and monitor improvements on the ground. In addition, the Doing Business data has generated over 2,182 articles in peer-reviewed academic journals since its inception. Data Notes; Distance to Frontier and Ease of Doing Business Ranking; and Summaries of Doing Business Reforms in 2016/17 can be downloaded separately from the Doing Business website.

It has been over 50 years since the beginning of the Israeli occupation of the Palestinian Territories. It is estimated that there are over 600,000 Israeli settlers living in the West Bank and East Jerusalem, and they are supported, protected, and maintained by the Israeli state. This book discusses whether international criminal law could apply to those responsible for allowing and promoting this growth, and examines what this application would reveal about the operation of international criminal law. It provides a comprehensive analysis of how the Rome Statute of the International Criminal Court could apply to the settlements in the West Bank through a close examination of the potential operation of two relevant Statute crimes: first, the war crime of transfer of population; and second, the war crime of unlawful appropriation of property. It also addresses the threshold question of whether the law of occupation applies to the West Bank, and how the principles of individual criminal responsibility might operate in this context. It explores the relevance and coherence of the legal arguments relied on by Israel in defence of the legality of the settlements and considers how these arguments might apply in the context of the Rome Statute. The work also has wider aims, raising questions about the Rome Statute’s capacity to meet its aim of establishing a coherent and legally effective system of international criminal justice.

The Global Street Design Guide is a timely resource that sets a global baseline for designing streets and public spaces and redefines the role of streets in a rapidly urbanizing world. The guide will broaden how to measure the success of urban streets to include: access, safety, mobility for all users, environmental quality, economic benefit, public health, and overall quality of life. The first-ever worldwide standards for designing city streets and prioritizing safety, pedestrians, transit, and sustainable mobility are presented in the guide. Participating experts from global cities have helped to develop the principles that organize the guide. The Global Street Design Guide builds off the successful tools and tactics defined in NACTO's Urban Street Design Guide and Urban Bikeway Design Guide while addressing a variety of street typologies and design elements found in various contexts around the world.

Japan grew explosively and consistently for more than a century, from the Meiji Restoration until the collapse of the economic bubble in the early 1990s. Since then, it has been unable to restart its economic engine and respond to globalization. How could the same

political–economic system produce such strongly contrasting outcomes? This book identifies the crucial variables as classic Japanese forms of socio-political organization: the "circles of compensation." These cooperative groupings of economic, political, and bureaucratic interests dictate corporate and individual responses to such critical issues as investment and innovation; at the micro level, they explain why individuals can be decidedly cautious on their own, yet prone to risk-taking as a collective. Kent E. Calder examines how these circles operate in seven concrete areas, from food supply to consumer electronics, and deals in special detail with the influence of Japan's changing financial system. The result is a comprehensive overview of Japan's circles of compensation as they stand today, and a road map for broadening them in the future.

This book answers two questions: What does the implementation of inclusive education require of a system of education and all parts of the system? How do various parts of the education system act on their commitment to inclusive educational practice? Decades after major legislation (i.e., the Civil Rights Act, the Elementary and Secondary Education Act, and the Education for All Handicapped Children Act) made high-quality education a fundamental right for all children in the United States, the dream of diverse, inclusive, democratic schooling has yet to be realized. Nevertheless, some classrooms, schools, districts, states, and universities have made progress. *Inclusive Education: A Systematic Perspective* explores the theoretical implications of inclusive practice as well as illustrative case studies and evaluation findings from states, educator preparation programs, districts, and schools that have reframed their work around the principles of inclusive practice. Whether these organizations position the work as “social justice education,” “culturally responsive teaching,” or “inclusion,” their efforts lead in the same direction—toward higher quality and more equitable education for all. The chapters will be relevant to graduate students, faculty members, and education leaders, at all levels, who seek a comprehensive overview of the commitment and practice of “inclusive education”. Chapters vary in their approaches to the topic, some presenting theoretical underpinnings, others describing practices or programs at particular sites, others reporting findings from empirical studies, and edited interviews with state and district leaders of inclusive-education initiatives. The book explores why inclusion is important and how it can be accomplished.

Human rights are essential to global health, yet rising threats in an increasingly divided world are challenging the progressive evolution of health-related human rights. It is necessary to empower a new generation of scholars, advocates, and practitioners to sustain the global commitment to universal rights in public health. Looking to the next generation to face the struggles ahead, this book provides a detailed understanding of the evolving relationship between global health and human rights, laying a human rights foundation for the advancement of transformative health policies, programs, and practices. International human rights law has been repeatedly shown to advance health and wellbeing - empowering communities and fostering accountability for realizing the highest attainable standard of health. This book provides a compelling examination of international human rights as essential for advancing public health. It demonstrates

how human rights strengthens human autonomy and dignity, while placing clear responsibilities on government to safeguard the public's health and safety. Bringing together leading academics in the field of health and human rights, this volume: (1) explains the norms and principles that define the field, (2) examines the methods and tools for implementing human rights to promote health, (3) applies essential human rights to leading public health threats, and (4) analyzes rising human rights challenges in a rapidly globalizing world. This foundational text shows why interdisciplinary scholarship and action are essential for health-related human rights, placing human rights at the center of public health and securing a future of global health with justice.

The UN-supported Principles for Responsible Investment initiative has led to around a third of the world's financial assets being managed with a commitment to invest in a way that considers environmental, social or governance (ESG) criteria. The responsible investment trend has increased dramatically since the global financial crisis, yet understanding of this field remains at an early stage. This handbook provides an atlas of current practice in the field of responsible investment. With a large global team of expert contributors, the book explores the impact of responsible investment on key financial actors ranging from mainstream asset managers to religious organizations. Offering students and researchers a comprehensive introduction to current scholarship and international structures in the expanding discipline of responsible investment, this handbook is vital reading across the fields of finance, economics and accounting.

With contributions from leading international academics across the social sciences, this accessible handbook takes a critical look at the key theories, disciplinary approaches, contemporary issues and debates in the field. · Part I Central Social Science Theories Drug and Alcohol Studies · Part II Pillars in Social Science Drug and Alcohol Studies · Part III Controversies and New Approaches in Social Science Drug and Alcohol Studies This Handbook is an excellent reference text for the growing number of academics, students, scientists and practitioners in the drug and alcohol studies community.

The World Trade Organization is a central player in international trade regulation. The rights and duties that form WTO law are not created in a vacuum, however, and there exists a complex network of domestic, regional and international influences on the development of WTO law that go beyond the disciplines found in the covered agreements or the interpretations given by panels and the Appellate Body. As such, understanding the development of WTO law in a wider institutional context is critical to comprehending WTO law in a new age of legal globalization. The Development of World Trade Organization Law: Examining Change in International Law examines the development of WTO law through an analysis of competing global actors, norms, and institutions. Taking a different approach to social-scientific or traditional legal models, this book argues that such globalized actors are the driving force behind the development of WTO law yet

not in control of it. Identifying causal language as key to understanding this development, the volume examines three different causal influences: instrumental, systemic, and constitutive. It applies this causal methodology to three key areas of WTO law: safeguard measures, sanitary and phytosanitary measures, and subsidies. The volume provides detailed explanations of why the law has developed as it has and offers insights into the future functioning of the WTO system. Undoubtedly the applications of polymers are rapidly evolving. Technology is continually changing and quickly advancing as polymers are needed to solve a variety of day-to-day challenges leading to improvements in quality of life. The Encyclopedia of Polymer Applications presents state-of-the-art research and development on the applications of polymers. This groundbreaking work provides important overviews to help stimulate further advancements in all areas of polymers. This comprehensive multi-volume reference includes articles contributed from a diverse and global team of renowned researchers. It offers a broad-based perspective on a multitude of topics in a variety of applications, as well as detailed research information, figures, tables, illustrations, and references. The encyclopedia provides introductions, classifications, properties, selection, types, technologies, shelf-life, recycling, testing and applications for each of the entries where applicable. It features critical content for both novices and experts including, engineers, scientists (polymer scientists, materials scientists, biomedical engineers, macromolecular chemists), researchers, and students, as well as interested readers in academia, industry, and research institutions.

Ever since Jim O'Neill at Goldman Sachs coined the term BRICS in 2001 there have been many different assessments of these major emerging economies, with some even proclaiming that the promise of the BRICS (comprising Brazil, Russia, India, China, and South Africa) is over. However, the so called 'arranged marriage' still seems to be working well, with the club having become a formal international forum, with summit declarations, ministerial meetings, and numerous BRICS-wide fora. Is this euphoria misplaced? Is there a BRICS model of economic and human development? Are inequalities increasing and is this the denouncement of the economic successes? Are geo-political tensions rising between these nations? During the post COVID-19 situation, the importance of bilateral and multilateral co-operation mechanisms and institutions is becoming clear. This book focuses on one such emerging co-operation mechanism of BRICS but also more widely on those five countries and other similar economies. As a global depression looms large, global economic recovery depends on the performance of not only its largest economies but also many other important and significant economies within the so called G20 group. Even prior to the COVID-19 outbreak multilateral institutions have been under considerable strain, as with the relationship between the United States of America and China, and risks to global economic recovery appear very real. This book brings together multi-disciplinary perspectives from over sixty scholars and it presents a comprehensive and deep dive into the BRICS and emerging economies and into an understanding the

political, economic, and social contexts that can help in designing approaches for recovery and regaining the last momentum in the journey towards the Sustainable Development Goals.

This book gathers extended versions of the best papers presented at the Global Joint Conference on Industrial Engineering and Its Application Areas (GJCIE), organized virtually on August 14-15, 2020, by Istanbul Technical University. It covers a wide range of topics, including decision analysis, supply chain management, systems modelling and quality control. Further, special emphasis is placed on cutting-edge applications of industrial Internet-of-Things. Technological, economic and business challenges are discussed in detail, presenting effective strategies that can be used to modernize current structures, eliminating the barriers that are keeping industries from taking full advantage of IoT technologies. The book offers an important link between technological research and industry best practices, and covers various disciplinary areas such as manufacturing, healthcare and service engineering, among others.

Youth Mainstreaming in Development Planning: Transforming Young Lives is a compendium of concepts to initiate dialogue and mobilise consensus around visions and strategies for young people and includes practical tools and techniques that will support initiatives to mainstream youth rights, voices and capabilities across government and other institutions. It is aimed policy-makers and practitioners in all sectors engaged in development planning at all levels.

Conveniently structured into five sections, The Routledge Research Companion to Outsourcing Security offers an overview of the different ways in which states have come to rely on private contractors to support interventions. Part One puts into context the evolution of outsourcing in Western states that are actively involved in expeditionary operations as well as the rise of the commercial security sector in Afghanistan. To explain the various theoretical frameworks that students can use to study security/military outsourcing, Part Two outlines the theories behind security outsourcing. Part Three examines the law and ethics surrounding the outsourcing of security by focusing on how states might monitor contractor behaviour, hold them to account and prosecute them where their behaviour warrants such action. The drivers, politics and consequences of outsourcing foreign policy are covered in Part Four, which is divided into two sections: section one is concerned with armed contractors (providing the provision of private security with the main driver being a capability gap on the part of the military/law enforcement agencies), and section two looks at military contractors (supporting military operations right back to antiquity, less controversial politically and often technologically driven). The final Part takes into consideration emerging perspectives, exploring areas such as gender, feminist methodology, maritime security and the impact of private security on the military profession. This book will be of much interest to students of military and security studies, foreign policy and International Relations.

Our Energy Future is an introductory textbook for the study of energy production, alternative and renewable fuels, and ways to build a sustainable energy future. Jones and Mayfield explore the creation and history of fossil fuels, their impact on the environment, and how they have become critical to our society. The authors also outline how adopting sustainable biofuels will be key to the future of energy stability and discuss a number of renewable energy options and biofuel feedstocks that are replacements for petroleum-based products. Our society is consuming energy at an alarming rate, and the authors warn that continuing fuel-usage patterns could permanently damage the environment. This book emphasizes the importance of continued scientific, agricultural, and engineering development while it outlines the political and

environmental challenges that will accompany a complete shift from fossil fuels to renewable energy and biomass. Our Energy Future is an accessible resource for undergraduate students studying biofuels and bioenergy.

Comprehensive student-friendly resources designed for teaching Cambridge International AS and A Level English Language (syllabus 9093 for first examination in 2015). The core aim of this Coursebook is to help students to develop and apply the key skills they need to achieve in AS and A Level English Language. They will build the skills needed for assessment through frequent activities. Divided into two distinct parts for AS and A Level studies, the book covers a wide range of reading skills, such as understanding aspects of style, voice and tone. It also addresses the conventions of key kinds of writing and spoken language, from scripted speeches to travel articles, and looks at how they can capture these conventions in their own work.

This book contributes new theoretical insight and in-depth empirical analysis about the relationship between transnational legality, state change and the globalisation of markets. The role of transnational economic law in influencing and reorganising national systems of governance evidences the constitutional dimensions of global capitalism: the power to institute new rules and limits for national states. This form of new constitutionalism does not undermine the state but transforms it by eroding national capacities and implanting global alternatives. While leading scholars in the field have emphasised the much-needed value of case studies, there are no studies available which consider the cumulative impact of multiple axes of transnational legal ordering on the national state or its constitution. This monograph addresses this empirical gap, whilst expanding the theoretical scope of the field. Mongolia's recent transformation as a mineral-exporting country provides a rare opportunity to witness economic and legal globalisation in process. Based on careful empirical analysis of national law and policy-making, the book traces the way distinctive processes of transnational legal ordering have reorganised and reframed the governance of Mongolia's mining sector, specifically by redistributing state power in relation to the market, sub-national administrations and civil society. The book investigates the role of international financial institutions, multinational corporations and non-governmental organisations in normative transmission, as well as the critical role of national actors in embedding transnational investment norms within the domestic legal and policy environment. As the book demonstrates, however, the constitutional ramifications of transnational legal ordering extend beyond the mining regime itself into more fundamental questions of the trajectory of state transformation, institutionally and ideologically. The book will be of interest to scholars of international law, global governance and the political economy of development.

This book provides a thorough review of early English land taxes of the seventeenth and early eighteenth centuries. It is a polemical work which is critical of the institutional English state narratives including Brewer's 'Sinews of Power' and North and Weingast's 'credible commitment' and some established works in the field particularly Ward's 'The English Land Tax in the Eighteenth-Century' which is subject to a highly detailed critique. The book proposes that although this was a time of tension, with an English population divided by political and religious affiliations, unprecedented amounts of taxation were still collected. This was achieved by ceding immediate process ownership to local governors whilst arming them with clear success criteria, well-designed processes and innovative legislation targeted on a growing and commercialized economy. An important development was the state's increasing ability to coordinate tax-gathering activities across the country. This book will be of interest to financial historians, academics, and researchers.

Public administration as a field of study finds itself in the middle of a fluid environment. The very reach and complexity of public administration has been easy to take for granted, easy to attack, and difficult to explain, particularly in the soundbite and Twitter-snipe media environment. Not only has the context for the discipline changed, but the institutions of public administration have adapted and innovated to deliver

services to the public and serve those in power while becoming increasingly complex themselves. Has public administration evolved? And what new lines of research are critical for effective policy and delivery of programs and public services while preserving foundational principles such as the rule of law and expert institutions? This Handbook of Public Administration sheds light for new researchers, doctoral students, scholars, and practitioners interested in probing modern public administration's role in solving major challenges facing nations and the world. This fourth edition recognizes that the scholarship of public administration must reflect the diverse influence of an international orientation, embracing public administration issues and practices in governance systems around the world, and illustrating just how practice can vary across jurisdictions. Every section identifies foundational principles and issues, shows variation in practice across selected jurisdictions, and identifies promising avenues for research. Each chapter revisits enduring themes and tensions, showing how they persist, along with new challenges and opportunities presented by digital technology and contemporary political realities. The Handbook of Public Administration, Fourth Edition provides a compelling introduction to and depiction of the contemporary realities of public administration, and it will inspire new avenues of inquiry for the next generation of public administration researchers.

This book presents a new theory of empowerment, exploring how senior leaders can navigate turbulence within governance systems to empower young societal innovators for equity, renewal, and peace.

Regulatory Foundations for the Food Protection Professional is a comprehensive guide for the entry-level food protection professional (FPP) working in either the public or private sector. The book can also serve as a foundation for students in academic programs preparing for a career in food protection. Additionally, as the Food Safety Modernization Act (FSMA) is implemented, this book will provide valuable information for countries wishing to export foods and food ingredients to the U.S. and comply with U.S. food safety regulations. The book is based on the Entry-Level component of the National Curriculum Framework for regulators, created by the International Food Protection Training Institute (IFPTI) located in Battle Creek, Michigan. The Entry-Level component of the National Curriculum Framework contains more than twenty content areas, including Epidemiology, Microbiology, Labeling, Food Defense Awareness, Program Standards, Environmental Health and Safety, Sampling, and Allergens. Each chapter is divided into specific learning objectives aimed at equipping the entry-level FPP with the knowledge and skills necessary to successfully perform his or her job, whether in the public or private sector, and whether in food safety or food defense. Established in 2009, IFPTI is improving public health by building competency-based training and certification systems, and cultivating leadership for the food protection community worldwide. Our mission is to enhance public health by improving the protection of the world's food supply through training, certification, thought leadership, and technology. See more at www.ifpti.org. This book presents a collection of papers emphasizing applications of mathematical models and methods to real-world problems of relevance for industry, life science, environment, finance and so on. The biannual Conference of ECMI (the European Consortium of Mathematics in Industry) held in 2014 focused on various aspects of industrial and applied mathematics. The five main topics addressed at the conference were mathematical models in life science, material science and semiconductors, mathematical methods in the environment, design automation and industrial applications, and computational finance. Several other topics have been treated, such as, among others, optimization and inverse problems, education, numerical methods for stiff

pdes, model reduction, imaging processing, multi physics simulation, mathematical models in textile industry. The conference, which brought together applied mathematicians and experts from industry, provided a unique opportunity to exchange ideas, problems and methodologies, bridging the gap between mathematics and industry and contributing to the advancement of science and technology. The conference has included a presentation of EU-Maths-In (European Network of Mathematics for Industry and Innovation), a recent joint initiative of ECMI and EMS. The proceedings from this conference represent a snapshot of the current activity in industrial mathematics in Europe, and are highly relevant to anybody interested in the latest applications of mathematics to industrial problems.

This timely Handbook unpacks the underlying common factors that give rise to corrupting environments. Investigating opportunities to deliver ethical public policy, it explores global trends in public administration and its vulnerability to corruption today, as well as proposing strategies for building integrity and diminishing corruption in public sectors around the globe. Since the 1970s, globalization has created an economic environment of interdependency between nations. Now, many countries in European and the MENA (Middle East and Northern Africa) regions must grapple with the need to increase public revenue while maneuvering through a global "race-to-the-bottom" tax competition. The Handbook of Research on Public Finance in Europe and the MENA Region explores economic development and public finance by providing critical insight into the use of public finance and policy and illuminating the intricacies of these topics through discussion of theory, empirical work, and policy objectives. This book is ideally designed for business professionals, policy makers, financiers, students and researchers in the fields of public policy and economics.

The fundamentals of public administration, from the world's leading practitioners Handbook of Public Administration is the classic, comprehensive guide to the field, featuring original writings from the world's foremost public administration thought leaders and practitioners. Intended to help both public administration students and practitioners navigate administrative challenges, overcome obstacles, and improve effectiveness, this guide provides a complete overview of the entire field. The information is organized into seven parts representing key domains of knowledge and practice that are essential for effective public administration. These reflect changes in the state of modern public administration, the factors that influence policies and programs, the mechanics of how government works, and the tools that help administrators get things done. Readers will find insightful discussions on the challenges of contemporary governance and the ethics of public administration, as well as practical guidance on the everyday operations that bring effective policies and programs to life. Students and experienced practitioners alike will appreciate the well-rounded approach to issues public administrators face everyday. The book is complete enough to act as a text, but organized logically for quick reference for specific problems or situations. Readers will: Understand the challenges posed by the changing context of public administration Explore how relationships and decisions influence public policies and programs Learn the critical skills and tools public administrators must master to be effective Explore the ethics and liabilities of public administration, and what it means to take part The role of public administration is evolving, and the changing nature of the field will impact the way

policies and programs are redesigned and implemented. This book fully explores current and upcoming changes domestically and internationally against the backdrop of public administration fundamentals. For the student or professional seeking a deeper understanding of the public administrator's role, Handbook of Public Administration is a clear, comprehensive resource. This book describes what is argued to be the most effective way of doing public administration thinking. Its aim is to encourage governments to govern fundamentally better in terms of policy and administration. A better understanding of context and identities, imaginization, epistemic pluralism, anti-administration, and the context of economics are examples of what is critical for high effectiveness. The pieces included in this book have been handpicked from the vast academic collection that David Farmer has authored over the last thirty years and which were published in the Journal of Administrative Theory and Praxis and the Journal of Public Administration Education. Collectively, these chapters are intended to help governments use post-traditional public administration theory in order to achieve better praxis.

To meet the dynamic academic demands of twenty-first century digital learners, many institutions of higher learning are offering more online classes than ever before that are accessible to both traditional and non-traditional learners. As such, a growing demand for online courses implies that participating institutions provide faculty with appropriate professional development programs to ensure the design and delivery of quality online courses. The Handbook of Research on Virtual Training and Mentoring of Online Instructors is a critical scholarly resource that highlights the issues, challenges, and online engagement experiences to enhance effective teaching and learning in this learning environment. Featuring coverage on a broad range of topics such as media literacy, professional development, and virtual learning environments, this book is geared towards educational administrators, educators, and instructional designers interested in quality online instruction.

This report looks at national-level developments in relation to several concepts highlighted in the targets of Goal 16, which are viewed as institutional principles: access to information, transparency, accountability, anti-corruption, inclusiveness of decision-making processes, and non-discrimination. The report surveys global trends in these areas, documenting both the availability of information on those trends and the status of knowledge about the effectiveness of related policies and institutional arrangements in different national contexts.

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