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OQNQFO - JACOB KARTER

Studies conceptual foundations of GVC analysis, twin pillars of 'governance' and 'upgrading', and detailed cases of emerging economies.

The early 21st century has seen a prolonged price boom in non-fuel commodities, coupled with a volatile performance in fuel prices. This new collection presents the latest research on commodity prices and economic development in the context of this changing globalized economy. Global Commodity Markets and Development Economics brings together analyses from a number of perspectives in order to explore commodity price developments. Chapters explore long term commodity trends, the evolution of relative price developments, the relationship of the domestic commodity sector with global supply chains, agri-food prices, and the role of oil markets in the global economy. Through considering a diverse range of countries including China, Russia and the United States, the authors examine key fuel and non-fuel commodity markets and offer a window into important trends and developments. This book will be relevant to those with an interest in development economics, international economics and energy markets.

The Certified Credit Research Analyst (CCRATM) is a comprehensive global education program designed to give an expert level understanding of credit markets to fresh graduates and experienced professionals. It integrates the fundamentals of financial analysis, credit analysis, rating methodologies, credit strategy and structuring. It offers the tools a candidate needs to occupy key positions in the world of finance, private banking, credit ratings and fixed income domain.

For sustainable architecture to become a reality, the way we design buildings needs to change. Many architects are concerned that sustainable technologies may interfere with a building's aesthetic appearance, and so these are often 'added on' once the design process is complete. Elements of Sustainable Architecture solves this dilemma by helping students to develop the design skills they need to create sustainable buildings – ensuring that ecological considerations are applied throughout the design process. Restoring the primacy of aesthetics and creativity to sustainable design, the book focuses on strategies that have the greatest impact on building design. It also shows the influence of sustainability considerations on choices about aspects such as composition, form, space, tectonics, materials, colour, textures, proportion and position. Specifically designed to offer a new way of understanding architecture, the book: introduces students to the basic principles and methods of sustainable design; features current examples and inspiring case studies to support learning step by step; presents information in a visually appealing, intuitive, easy-to-understand way; includes over 500 high-quality colour diagrams, drawings, sketches and photographs. A clear, visual introduction to creating aesthetically beautiful and sustainable buildings, this is essential reading for students in sustainable architecture courses.

Offering how-to tools and step-by-step guidance, this practical Handbook combines academic insight with extensive professional experience to outline best practice in undertaking environmental, socio-cultural and economic assessments that establish the feasibility of new tourism ventures and ascertains their impact over time.

Supply Chain Management (SCM) has always been an important aspect of an enterprise's business model and an effective supply chain network is essential to remaining competitive in a global environment. By properly managing the flow of goods and services, businesses can operate more efficiently while managing most of the workload behind-the-scenes. The Handbook of Research on Global Supply Chain Management is an in-depth reference source that covers emerging issues and relevant applications of information pertaining to supply chain management from an international perspective. Featuring coverage on topics such as the global importance of SCMs to strategies for producing an effective supply chain, this comprehensive publication is an essential resource for

academics and business professionals alike interested in uncovering managerial insight and logistics solutions.

The interaction of sustainability governance and global value chains has crucial implications the world over. When it comes to sustainability the last decade has witnessed the birth of hybrid forms of governance where business, civil society and public actors interact at different levels, leading to a focus on concepts of legitimacy within multi-stakeholder initiatives (MSIs). Based in over 15 years of theoretical engagement and field research, Business, Power and Sustainability draws from both labour-intensive value chains, such as in the agro-food sector (coffee, wine, fish, biofuels, palm oil), and from capital-intensive value chains such as in shipping and aviation, to discuss how sustainability governance can be best designed, managed and institutionalized in today's world of global value chains (GVCs). Examining current theoretical and analytical efforts aimed at including sustainability issues in GVC governance theory, it expands on recent work examining GVC upgrading by introducing the concept of environmental upgrading; and through new conceptions of orchestration, it provides suggestions for how governments and international organizations can best facilitate the achievement of sustainability goals. Essential reading on the governance of sustainability in the twenty-first century.

Risks can be identified, evaluated, and mitigated, but the underlying uncertainty remains elusive. Risk is present across all industries and sectors. As a result, organizations and governments worldwide are currently experiencing higher levels of risk and have had to make risky decisions during times of crisis and instability, including the COVID-19 pandemic, economic and climate perils, and global tensions surrounding terrorism. It is essential that new studies are undertaken to understand strategies taken during these times to better equip business leaders to navigate risk management in the future. Global Risk and Contingency Management Research in Times of Crisis examines the impact of crises including the COVID-19 pandemic, which has tested organizational risk and contingency management plans. It provides significant insights that should benefit business leaders on risk and contingency management in times of crisis. It emphasizes strategies that leaders can undertake to identify potential future risks and examines decisions made in past crises that can act as examples of what to do and what not to do during future crisis events. Covering topics such as auditing theories, risk assessment, and educational inequality, this premier reference source is a crucial resource for business leaders, executives, managers, decision makers, policymakers, students, government officials, entrepreneurs, librarians, researchers, and academicians.

The use of fossil fuels has generated an increasing amount of interest in renewable energy resources. Energy policies and management are of primary importance to achieve the development of sustainability and need to be consistent with recent advances in energy production and distribution. Challenges lie as much in the conversion from renewable energies such as wind and solar to useful forms like electricity, heat and fuel at an acceptable cost (including environmental damage) as in the integration of these resources into an existing infrastructure. This volume includes collaborative research between different disciplines, including materials, energy networks, new energy resources, storage solutions, waste to energy systems, smart grids and many other related subjects. This book provides a guide to the process of accrediting training programs, sets out how to achieve consistent measurement of the results of training, and explains why accreditation is critical for capturing and developing today's workers' skills, aiding retention, and boosting strategic organizational credibility with millennials. Workplace and executive training is a multi-billion dollar industry and yet an enormous percentage of that budget is spent on programs that have never been rigorously examined to ensure that they are fit for purpose and deliver value for the money. If you're signing off on that budget, or asking your people to spend time on training programs, shouldn't that concern you? Training accreditation offers vital quality assurance, ensures global consistency of re-

sults and delivers accountability for learning and performance outcomes. Apart from delivering better results and greater ROI, organizations can differentiate themselves from their competitors in the employment marketplace by offering accredited proprietary training. After all, digital natives, and indeed all of today's most talented potential employees, expect (and increasingly demand) the high quality, engaging and transferable employee development that only accredited programs can deliver. Aligning with the standards set by the International Association of Continuing Education and Training (IACET) – today's premier accreditation body for training programs – the authors offer principles for quality program structure, delivery, and improvement needed to achieve accreditation. They share practices used by high quality training program managers today, covering business alignment and program administration along with the planning, design, delivery and evaluation of learning systems.

While global sourcing has expanded dramatically in terms of activities, consistent challenges remain for organizations that choose such a business decision. These challenges include maximizing the opportunity afforded by globalization, fully realizing potential gains, and managing the risks inherent to global development. In addition, while companies continue to start or expand their use of global resources, little is being done to help project managers, business analysts, architects, and others succeed in this new environment. Built upon real-world experiences, Managing Global Development Risk provides the tools, techniques, and knowledge necessary to achieve project success with offshore resources. By reading and utilizing the templates within this book, you will acquire: Knowledge of project management principles and their application, Understanding of software development processes and their application, Insight into the diverse personalities within your global development team and the appropriate management and communications style to achieve success. Awareness of cultural issues and mannerisms that will enhance your ability to guide your team To fully realize the benefits of global development, a proper mix of local and offshore resources is essential. This book is an important tool that can help you gain the necessary competency and expand your skills in this critical area.

This book brings together distinguished scholars, community college practitioners, and emerging leaders to expand upon existing theories, provide reflection on practice, and demonstrate the dynamic nature of community college internationalization. There is a special challenge for United States community colleges to move from selected international programs that impact a few students to sustainable change that influences the entire college community. A key importance is realization that reform is not based on chance, but on intentional designs that are intended to guide future endeavors. The research, case studies, and experiences of the authors in this book are both inspiring and critical in the quest to encourage an academic shift for long-term change that promotes international literacy as an integral component of the community college and celebrates the needs of the changing local communities.

What are the major economic and social trends in Africa? What is Africa's role in globalisation? This annual report presents an Africa open to the world and towards the future. Africa's Development Dynamics uses the lessons learned in the five African regions – Central, East, North, Southern and West Africa – to develop recommendations and share good practices. The report identifies innovative policies and offers practical policy recommendations, adapted to the specificities of African economies. Drawing on the most recent available statistics, this analysis of development dynamics aims to help African leaders reach the targets of the African Union's Agenda 2063 at all levels: continental, regional, national, and local. Every year this report will focus on one strategic theme. This 2019 edition explores policies for productive transformation. It proposes three main policy focus for transforming firms: providing business services to clusters of firms; developing regional production networks; and improving exporting firms' ability to thrive in fast-changing markets. This

volume feeds into a policy debate between African Union's nations, citizens, entrepreneurs and researchers. It aims to be part of a new co-operation between countries and regions focused on mutual learning and the preservation of common goods. This report is the result of a partnership between the African Union Commission and the OECD Development Centre.

Strategy to Reality brings together a vast number of perspectives and experiences, offering business leaders the straight talk necessary to clarify, simplify, and humanize business architecture with Whynde Kuehn's practical and actionable approach. Whynde Kuehn's vision can be summed up in one word: big. She loves climbing mountains—physical and metaphorical—and her most successful summit can be found in Business Architecture, an aspect of business development that she has pioneered, explored, and mastered. She is a passionate guide for business architecture leaders and practitioners around the world who are motivated to achieve goals, implement effective strategies, and provide measurable results. Her approach can be implemented by organizations of any size: from an NGO, government organization, or Fortune 500 company, to a non-profit or startup. Within Strategy to Reality, Whynde Kuehn offers a well-informed, holistic view that can transform and reshape the world. She arms Business Architecture Practitioners and Strategy Execution Leaders with the in-house training and tools they need to close the gap between strategy and successful execution. Whynde believes that every organization needs to build their own capacity for continuous change, and it is her goal that they reach their goals, while gaining the "vision" they need to see the clearest course of action and to weave it all together. It is Whynde Kuehn's goal to help the leaders of today and tomorrow build better organizations and unlock new ways of executing strategies, increasing collaboration, and creating value, growth, and profits. Those who seek to be a catalyst for change in their company, who relentlessly seek ways to do things better, and who always ask, "Why?" and "What if?" will find the strategies they need to enact that change in Strategy to Reality.

Global Livestock Health Policy is designed to provide an understanding of the complexities of national and subnational animal and public health policies and how those policies impact domestic livestock industries. These policies shape domestic disease control programs, international trade, and food safety efforts. This book offers public policy makers and animal health officials in government and industry a foundation on which to institute scientifically sound national and subnational animal health programs; solidify infrastructures; enhance communication between legislators, regulators, and affected parties; and expedite international agreements for safe worldwide movement of animals and animal products in a global free market economy. Organized in eight free standing chapters which include case studies, a glossary and an epilogue, this arrangement leads readers progressively through the events and decisions underlying the present US and global animal health policy status, lays out challenges facing the US and other nations, describes the components of a credible and competitive animal health infrastructure, and puts forward strategies for achieving policies that are adaptable to global and domestic dynamics while addressing the multiple issues and interests bearing on animal health, animal welfare, and food safety. The case studies contain background information and questions for group discussions. The book is intended for use by animal health officials; agribusiness leaders; commodity groups; financial institutions; legislators and their staffs; importers and exporters of animals, animal products, biologics and pharmaceuticals; leadership of the regulatory, academic and diagnostic sectors of the agricultural and veterinary communities; consumers; or anyone else interested in protection, production, processing, and distribution of animals and related products.

Global value chains (GVCs) are a key feature of the global economy in the 21st century. They show how international investment and trade create cross-border production networks that link countries, firms and workers around the globe. This Handbook describes how GVCs arise and vary across industries and countries, and how they have evolved over time in response to economic and political forces. With chapters written by leading interdisciplinary scholars, the Handbook unpacks the key concepts of GVC governance and upgrading, and explores policy implications for advanced and developing economies alike. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 10.0px Arial}

The Politics of Global Supply Chains analyses the changing politics of power and distribution within contemporary global supply chains. Drawing on over 300 interviews with farmers, workers, activists, businesses and government officials in garment and coffee sector supply chains, the book shows how the increased involvement of non-state actors in supply chain governance is re-shaping established patterns of global political power, responsibility and accountability. These emerging supply chain governance systems are shown to be multi-layered and politically contested, as transnational governance schemes interact with traditional state governance arrangements in both com-

plementary and conflicting ways. The book's analysis of changes to the relationship between state and non-state actors within transnational governance processes will be of particular interest to scholars and students of globalisation, global governance and regulation. The Politics of Global Supply Chains also suggests some practical ways by which the effectiveness and accountability of supply chain governance could be strengthened, which will interest both scholars and practitioners in fields of global business regulation and corporate social responsibility. Conclusions are relevant to the business and civil society actors who participate directly in non-state governance schemes, and to state regulators whose distinctive governance capacities could play a much greater role than at present in supporting transnational, non-state governance processes.

IEMERA is a three-day International Conference specially designed with cluster of scientific and technological sessions, providing a common platform for the researchers, academicians, industry delegates across the globe to share and exchange their knowledge and contribution. The emerging areas of research and development in Electrical, Electronics, Mechanical and Software technologies are major focus areas. The conference is equipped with well-organized scientific sessions, keynote and plenary lectures, research paper and poster presentations and world-class exhibitions. Moreover, IEMERA 2020 facilitates better understanding of the technological developments and scientific advancements across the world by showcasing the pace of science, technology and business areas in the field of Energy Management, Electronics, Electric & Thermal Power, Robotics and Automation.

This report provides strategic advice on preparing for and responding to potential global shocks.

2011 Updated Reprint. Updated Annually. US Air Transportation Handbook: Regulations and Business Opportunities

Global Trade Law Series, Volume 55 India, one of the world's foremost trading nations, exhibits a particularly complex regulatory landscape with a variety of standard-setting bodies, regulators, accreditation and certification bodies, inspection agencies, as well as several state-level regulators. This is the first book to extensively describe the nature of standard-setting processes in India and the key agencies involved with this task, greatly clarifying the scope of market opportunities in the country. Lucid contributions from experienced practitioners and regulators with first-hand experience in formulating and advising on standards-related issues in international trade help disentangle the web of laws, regulations, operations, and functions of India's standard setters in governmental, non-governmental, and industry contexts. The chapters describe how standards apply to such crucial trade aspects as the following: conformity assessment practice and procedure; environmental, ethical, social, and safety issues; import bans and import licensing; certification and labelling measures; mutual recognition agreements; food safety; and standardisation of the digital economy. The book is drafted throughout in an easy-to-read style, with numerous tables, flowcharts, and figures illustrating step-by-step compliance procedures. Informative annexes guide the reader to relevant agencies and identify their roles and responsibilities. This book provides a clear and concise guide to the operations, functions, and compliance and documentation requirements of India's standard-setting and regulatory bodies across all sectors and products, and thus will serve as an unmatched guide for manufacturers, traders, and exporters operating in the Indian market or seeking to export to India. It will also serve as a useful Handbook to policymakers, academics, and researchers interested in understanding the role of standard-setting bodies in the field of international trade.

The African Economic Outlook 2014 analyses the continent's growing role in the world economy and predicts two-year macroeconomic prospects. It details the performance of African economies in crucial areas.

A unique account of labor relations in the modern Chinese economy, Beyond the Iron Rice Bowl brings together more than thirty in-depth case studies of key multinational, Chinese, and overseas Chinese enterprises in the automotive, electronic, and garment industries. Analyzing the regimes of production and their segmentations in the context of global and national production networks, the authors discuss Chinese and international industrial relations theory and labor sociology and explore the perspectives of collective bargaining, trade union reform, and democratic workplace representation in China.

This interdisciplinary volume provides a critical and multi-disciplinary review of current manufacturing processes, practices, and policies, and broadens our understanding of production and innovation in the world economy. Chapters highlight how firms

This book goes beyond the hype, delving into real world technologies and applications that are driv-

ing our future and examines the possible impact these changes will have on industries, economies and society at large. It details the actions governments and regulators must take in order to ensure these changes bring about positive benefits to the public without stifling innovation that may well be the future source of value creation. It examines how organisations in a world of digital ecosystems, where industry boundaries are blurring, must undertake radical digital transformation to survive and thrive in this new digital world. The reader is taken through a framework that critically examines (i) Digital Connectivity including 5G and IoT; (ii) Data Capture and Distribution which includes smart connected verticals; (iii) Data Integrity, Control and Tokenisation that includes cyber security, digital signatures, blockchain, smart contracts, digital assets and cryptocurrencies; (iv) Data Processing and Artificial Intelligence; and (v) Disruptive Applications which include platforms, virtual and augmented reality, drones, autonomous vehicles, digital twins and digital assistants.

Written by leading scholars and experts with extensive practice and teaching experience in the field, Comparative and Global Environmental Law and Policy offers a student-friendly approach to the study of a rapidly evolving and important area of law. Its multi-jurisdictional selection of judicial opinions and legal materials introduces students to the worldwide reach of environmental law. Through its substance, the book familiarizes students not only with governing and emerging legal principles but also demonstrates how legal norms are applied to specific issues and contexts, illustrating how law-on-the-books becomes law-in-action. Student understanding is reinforced by problem exercises and discussion questions. Professors and students will benefit from: A multi-jurisdictional selection of environmental law cases and regulatory materials from across the world, with many cases from the developing world and emerging economies. Separate chapters on rapidly evolving and critical topics such as rights of nature, sustainability, corporations and private environmental governance, human rights and the environment, and climate change. Presentation of basic background principles of environmental law, institutions, and governance and their operation in international, national and subnational systems, including indigenous governance systems. Emphasis across the book on issues of institutions and governance as well as enforcement and effectiveness. Judicial opinions providing an authoritative articulation of how legal principles are applied in various systems. Numerous problem exercises and discussion questions to introduce topics and reinforce concepts and materials. Integrated perspective on the relationship of international and transnational environmental law, national environmental law, environmental norms and principles in other settings such as in private environmental governance, and governance institutions.

Cyber Warfare, Second Edition, takes a comprehensive look at how and why digital warfare is waged. The book explores the participants, battlefields, and the tools and techniques used in today's digital conflicts. The concepts discussed gives students of information security a better idea of how cyber conflicts are carried out now, how they will change in the future, and how to detect and defend against espionage, hacktivism, insider threats and non-state actors such as organized criminals and terrorists. This book provides concrete examples and real-world guidance on how to identify and defend a network against malicious attacks. It probes relevant technical and factual information from an insider's point of view, as well as the ethics, laws and consequences of cyber war and how computer criminal law may change as a result. Logical, physical, and psychological weapons used in cyber warfare are discussed. This text will appeal to information security practitioners, network security administrators, computer system administrators, and security analysts. Provides concrete examples and real-world guidance on how to identify and defend your network against malicious attacks Dives deeply into relevant technical and factual information from an insider's point of view Details the ethics, laws and consequences of cyber war and how computer criminal law may change as a result

Dated January 2005. No public library discount on this item. Supersedes Issue 3 (English-language ed.) (ISBN 0117031984)

The book presents a collection of articles from the 6th International Conference on Civil Engineering, 2022, held in Singapore. Important advances in the application of newly discovered technologies are highlighted in order to address many of society's contemporary problems in resilience, energy production, security, and bioproducts. Multiple fields of inquiry address the use of global engineering methods to promote governmental and industrial policies that reduce pollution, protect existing structures from natural disasters as well as discuss successful engineering management practices in a variety of countries throughout the world. This book consists of refereed submissions submitted by international scholars from multiple disciplines discussing emerging topics in civil and environmental engineering. The emphasis is on ideas that can influence public policy to promote energy management, air and water pollution control, and green infrastructure. The topics cov-

ered provide an excellent beginning for interested students, researchers, and industry professionals to understand emerging trends in technical research on a worldwide basis.

Representing the definitive reference work for this broad and dynamic field, The International Encyclopedia of Geography arises from an unprecedented collaboration between Wiley and the American Association of Geographers (AAG) to review and define the concepts, research, and techniques in geography and interrelated fields. Available as a robust online resource and as a 15-volume full-color print set, the Encyclopedia assembles a truly global group of scholars for a comprehensive, authoritative overview of geography around the world. Contains more than 1,000 entries ranging from 1,000 to 10,000 words offering accessible introductions to basic concepts, sophisticated explanations of complex topics, and information on geographical societies around the world Assembles a truly global group of more than 900 scholars hailing from over 40 countries, for a comprehensive, authoritative overview of geography around the world Provides definitive coverage of the field, encompassing human geography, physical geography, geographic information science and systems, earth studies, and environmental science Brings together interdisciplinary perspectives on geographical topics and techniques of interest across the social sciences, humanities, science, and medicine Features full color throughout the print version and more than 1,000 illustrations and photographs Annual updates to online edition

After a decade, internet now reaches the Asian region as well as African countries intensively while

USA, Canada and Europe are focusing newer inventions. Within the Asian region it exists considerably another technological gap among countries. The countries with higher income such as Japan, Singapore, South Korea has succeeded in implementing ICT in all social and economic areas. The rest of the countries, including China, Malaysia, Thailand, Indonesia, Philippines, Vietnam, Laos, Cambodia, are far behind in information technology. Nevertheless, it's necessary for all nations, whether developed or developing, to keep on nurturing ICT development to be a part of connected world. The question is how a nation can successfully adopt ICT and benefit from all advantages at best. Unfortunately, there is no common guideline for all countries. Without identifying specific factors of each country and a lot of effort made by government, no country can achieve high ICT performance in the long run. The purpose of this paper is three-fold: To identify the characteristics and political options of a country, that would affect the success of its ICT adoption. To identify clusters of nations upon the international ICT indices and GNI per capita To provide an overall guideline that incorporates these nations toward developing higher ICT indices. This paper shows income level and social background can play very important roles in country's ICT development.

This book examines the manufacturing, supply chain and product-level sustainability of leather and footwear products. This book deals with the environmental and chemical sustainability aspects pertaining to the tanning supply chain and the related mitigation measures. The book also explores interesting areas of leather and footwear sustainability, such as waste & the 3R's and their certifica-

tion for sustainability. At the product level, the book covers advanced topics like the circular economy and blockchain technology for leather and footwear products and addresses innovation development and eco-material use in footwear by investigating environmental sustainability and the use of bacterial cellulose, a potential sustainable alternative for footwear and leather products.

Global Certifications for Makers & Hardware Startups is an essential reference guide for makers and hardware companies who intend to launch an electronic product. As well as giving step by step instructions for getting FCC and CE approvals, it also outlines the many types of certifications that can apply to electronic products around the world. The eBook answers some of the most common problems that makers and hardware companies face when it comes to launching their product, such as: The eBook Contains: - A top level overview of testing types - Step by step processes for getting FCC and CE compliance - How to work out what standards apply - How to take advantage of FCC and CE exemptions - Rules for selling kits - How to select the best 3rd party test lab - Implications for open source hardware and software - Labeling requirements - Pre-compliance options - What are the pros and cons of wireless modules? While focusing on EMC and RF certifications, because they apply almost universally around the world, it also gives an overview of how to determine whether other certifications (safety, SAR, environmental, proprietary) apply and how to go about getting them. A must have for every technology maker and hardware startup!