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HURLEY GALVAN

Global food security Routledge

The subject of food security and land issues in Africa has become one of increased importance and contention over recent years. In particular, the focus has shifted to the role new global South donors - especially India, China and Brazil - are playing in shaping African agriculture through their increased involvement and investment in the continent. Approaching the topic through the framework of South-South co-operation, this highly original volume presents a critical analysis of the ways in which Chinese, Indian and Brazilian engagements in African agriculture are structured and implemented. Do these investments have the potential to create new opportunities to improve local living standards, transfer new technology and knowhow to African producers, and reverse the persistent productivity decline in African agriculture? Or will they simply aggravate the problem of food insecurity by accelerating the process of land alienation and displacement of local people from their land? Topical and comprehensive, *Agricultural Development and Food Security in Africa* offers fresh insight into a set of relationships that will shape both Africa and the world over the coming decades.

100 technical questions and answers for job interview Offshore Oil & Gas Rigs CRC Press
 This book presents advanced knowledge and techniques to improve food quality, such as organic farming, fertilization using waste, reducing arsenic in food, soil restoration, forage production in arid regions and weed control. Agriculture is actually facing two major challenges, feeding an ever-growing population and providing safe food in the context of pollution, climate change and the future circular economy.

Agricultural Markets in a Transitioning Economy Rowman & Littlefield

Written for majors and advanced non-majors, the Sixth Edition of *Nutrition* provides a modern, comprehensive introduction to nutrition concepts, guidelines, and functions. Its student-focused approach provides readers with the knowledge they need to make informed decisions about their overall nutrition.

Behind Closed Doors Zed Books Ltd.

Based on case studies in Southern Africa, West Africa and East Africa, this book revisits some of the dilemmas and paradoxes associated with the development, management and utilisation of environmental resources, as well as lacklustre official handling of climate change-related challenges, in Sub-Saharan Africa. On the subject of natural resource exploitation, in particular, the book revisits scholarly debates and specific practices around compensation, benefit- and burden-sharing, local participation and space-place dynamics. It highlights fundamental ambiguities in the ways the dominant discourses and policy responses have been framed and mobilised, and examines epistemic and ideational incongruences that have hobbled and sometimes negated the effectiveness of otherwise well-intentioned interventions. On climate change, the book revisits debates around the vulnerability-assets nexus with regard to mitigation and adaptation, as well as the intersection of climate information and livelihoods in agro-based settings. The contradictions, gaps and limitations of climate change policies and strategies in different regions are re-examined based on new data. In the last few years, the Environment and Natural Resources Working Group of the South African Sociological Association (SASA) has intensified efforts to go beyond the annual SASA Congresses and the production of journal articles, in making the research agendas of its members more visible to the global scholarly and policy community. This book is one result of such efforts. It calls for a constant questioning of orthodoxies and the promotion of ethnographically sensitive and epistemologically nuanced scholarly and policy approaches to developmental challenges in Africa, especially in relation to environmental resources and environmental change.

Agricultural Prairies Routledge

The thirty-first edition of this indispensable guide to capital taxes encompasses fully consolidated and annotated legislation in the areas of stamp duty, capital acquisitions tax and local property tax. Changes brought about by the Finance Act 2022 are incorporated and all relevant information issued by the Revenue Commissioners is also referenced. Split into three sections, the book covers each Act and SI that is relevant to stamp duty, capital acquisitions tax and local property tax. The legislation is accompanied by easy-to-follow notes which set out definitions, amendments, cross-references, e-Briefs, Tax Briefings, former enactments and relevant case law. This is the authoritative guide to Irish capital taxes and it is an essential manual for tax advisers, tax lawyers, accountants and financial institutions who must remain up to date in these areas of tax. This title is included in Bloomsbury Professional's Irish Tax online service.

Biosecurity CRC Press

Community-based adaptation (CBA) to climate change is based on local priorities, needs, knowledge and capacities. Early CBA initiatives were generally implemented by non-government organisations (NGOs), and operated primarily at the local level. Many used 'bottom-up' participatory processes to identify the climate change problem and appropriate responses. Small localised stand-alone initiatives are insufficient to address the scale of challenges climate change will bring, however. The causes of vulnerability - such as market or service access, or good governance - also often operate beyond the project level. Larger organisations and national governments have therefore started to implement broader CBA programmes, which provide opportunities to scale up responses and integrate CBA into higher levels of policy and planning. This book shows that it is possible for CBA to remain centred on local priorities, but not necessarily limited to work implemented at the local level. Some chapters address the issue of mainstreaming CBA into government policy and planning processes or into city or sectoral level plans (e.g. on agriculture). Others look at how gender and children's issues should be mainstreamed into adaptation planning itself, and others describe how tools can be applied, and finance delivered for effective mainstreaming. This book was published as a special issue of *Climate and Development*.

Stripe Rust CABI

Recent progress in biotechnology and genomics has expanded the plant breeders' horizon providing a molecular platform on the traditional plant breeding, which is now known as 'plant molecular breeding'. Although diverse technologies for molecular breeding have been developed and applied individually for plant genetic improvement, common use in routine breeding programs seems to be limited probably due to the complexity and incomplete understanding of the technologies. This book is intended to provide a guide for researchers or graduate students involved in plant molecular breeding by describing principles and application of recently developed technologies with actual case studies for practical use. The nine topics covered in this book include the basics on genetic analysis of agronomic traits, methods of detecting QTLs, the application of molecular markers, genomics-assisted breeding including epigenomic issues, and genome-wide association studies. Identification methods of mutagenized plants, actual case studies for the isolation and functional studies of genes, the basics of gene transfer in major crops and the procedures for commercialization of GM crops are also described. This book would be a valuable reference for plant molecular breeders and a cornerstone for the development of new technologies in plant molecular breeding for the future.

Genetically Modified Foods Routledge

Written in easy to follow language, the book presents cutting-edge agriculturally relevant plant biotechnologies and applications in a manner that is accessible to all. This book introduces the scope and method of plant biotechnologies and molecular breeding within the context of environmental analysis and assessment, a diminishing supply of productive arable land, scarce water resources and

climate change. Authors who have studied how agro ecosystems have changed during the first decade and a half of commercial deployment review effects and stress needs that must be considered to make these tools sustainable.

Capital Tax Acts 2023 Zed Books Ltd.

An increasingly hot-button issue, genetically modified (GM) food is considered by some as the best way to feed the world's growing population, and by others as an experiment gone wrong on the unsuspecting public. *Genetically Modified Foods: Basics, Applications, and Controversy* details the basics of biotechnology and its applications in the laborat

Foreign Direct Investment in Large-Scale Agriculture in Africa Bloomsbury Publishing

Now in its thirtieth edition, this indispensable guide to capital taxes provides the reader with fully consolidated and annotated legislation in the areas of stamp duty, capital acquisitions tax and local property tax. All changes brought about by Finance Act 2021, Finance (Covid-19 and Miscellaneous Provisions) Act 2021 and Finance (Local Property Tax) (Amendment) Act 2021 are incorporated into the text. All relevant information issued by the Revenue Commissioners is also referenced. Each of the three sections of the book takes a different area of tax and runs through each Act and SI that is relevant to it. The legislation is accompanied by notes which set out definitions, amendments, cross-references, e-Briefings, Tax Briefings, former enactments and relevant case law. This title is included in Bloomsbury Professional's Irish Tax online service.

Plant Biotechnology Springer Nature

Securing Food for All in Bangladesh presents an array of research that collectively address four broad issues: (1) agricultural technology adoption; (2) input use and agricultural productivity; (3) food security and output market; and (4) poverty, food security, and women's empowerment. The fifteen chapters of the book address diverse aspects within these four themes. Access to sufficient food by all people at all times to meet their dietary needs is a matter of critical importance. Despite declining arable agricultural land, Bangladesh has made commendable progress in boosting domestic food production. The growth in overall food production has been keeping ahead of population growth, resulting in higher per capita availability of food over time. In the early 1970s, Bangladesh was a food-deficit country with a population of about 75 million. Today, the population is 165 million, and the country is now self-sufficient in rice production, which has tripled over the past three decades. Along with enhanced food production, increased income has improved people's access to food. Furthermore, nutritional outcomes have improved significantly. Nevertheless, the challenges to food and nutrition security remain formidable. Future agricultural growth and food and nutrition security are threatened by population growth, worsening soil fertility, diminishing access to land and other scarce natural resources, increasing vulnerability of crop varieties to pests and diseases, and persistent poverty leading to poor access to food. In addition, the impacts of climate change—an increase in the incidence of natural disasters, sea intrusion, and salinity—will exacerbate food and nutrition insecurity in the coming decades if corrective measures are not taken. Aligned with this context, the authors of the book explore policy options and strategies for developing agriculture and improving food security in Bangladesh. *Securing Food for All in Bangladesh*, with its breadth and scope, will be an invaluable resource for policymakers, researchers, and students dedicated to improving people's livelihoods in Bangladesh.

100 technical questions and answers for job interview Offshore Drilling Rigs BRILL

The job interview is probably the most important step you will take in your job search journey.

Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 100 questions and answers for job interview and as a BONUS 230 links to video movies. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry.

Capital Tax Acts 2021 CRC Press

This three-volume encyclopedia on the history of American food and beverages serves as an ideal companion resource for social studies and American history courses, covering topics ranging from early American Indian foods to mandatory nutrition information at fast food restaurants. The expression "you are what you eat" certainly applies to Americans, not just in terms of our physical health, but also in the myriad ways that our taste preferences, eating habits, and food culture are intrinsically tied to our society and history. This standout reference work comprises two volumes containing more than 600 alphabetically arranged historical entries on American foods and beverages, as well as dozens of historical recipes for traditional American foods; and a third volume of more than 120 primary source documents. Never before has there been a reference work that coalesces this diverse range of information into a single set. The entries in this set provide information that will transform any American history research project into an engaging learning experience. Examples include explanations of how tuna fish became a staple food product for Americans, how the canning industry emerged from the Civil War, the difference between Americans and people of other countries in terms of what percentage of their income is spent on food and beverages, and how taxation on beverages like tea, rum, and whisky set off important political rebellions in U.S. history.

Sustainable Bioenergy Production Petrogav International

This book examines environmental sustainability and inclusive economic growth, providing in-depth analysis of foreign direct investment (FDI) in large-scale agriculture in Ethiopia. In most African states, arable land and other natural resources play a pivotal role for economic growth and development. Ethiopia is one of those countries where agriculture is the backbone of the economy. This sector has also been an attraction for FDI in Sub-Saharan Africa since the global food and financial crisis of 2007 and 2008. This book uses six foreign investments in large-scale agriculture as case studies to examine current Ethiopian policies, the patterns of investment they promote, how these impact on land-based resources and communities' wellbeing. Presenting analyses of the economic, social and political realities of foreign direct investment in the local context, *Foreign Direct Investment in Large-Scale Agriculture in Africa* discusses how the fundamental principles of

pro-poor and environmentally sustainable investments intersect with the government's ambition to advance Ethiopia's development agenda. This book will be of interest to scholars and students of African economics and sustainable development, African policy makers, intergovernmental organisations as well as multilateral and bilateral development partners.

Agricultural Development and Food Security in Africa Routledge

As the largest group of natural resource managers on the planet, farmers are at the interface of the changing relationship between humans and the environment. Typically organised around what might be considered the most basic of social units, for generations the family farm has survived wide-ranging exogenous challenges, frequently preserving the line of succession to the next of kin. Now as we face major questions about how we use land and the impact of our land use on the global environment, farming once again faces a challenging and uncertain future. This book draws on the experiences of farmers in Australia, New Zealand, North America, Japan and the EU to examine the special features of family farms and, in particular, the tradition of succession which has enabled them to continue to have such a strong presence in the world today.

Nutrition Stationery Office

Readers will find new insight into the lives of the world's horses, zebras, and asses, understand the basis of our relationships with these animals, and develop a greater understanding of where equids come from and why they are worth conserving. Included in this book are detailed, state-of-the-science syntheses on Social structure, behavior, and cognition Habitat and diet Ecological niches Population dynamics Roles of humans in horse distribution through time Human dimensions and the meaning of wild Management of free-roaming horses Captive breeding of wild equids Conservation of wild equids Conservation of migrations Reintroductions Genetics and paleogenetics

Chemical Energy from Natural and Synthetic Gas Routledge

Analysis of North African revolt against authoritarianism, known as the 'Arab Spring', embraced reductionist explanations such as the social media, youth unemployment and citizens' agitations to regain dignity in societies humiliated by oppressive regimes. This book illustrates that reductionist approaches can only elucidate some symptoms of a social problem while leaving unexplained the economic and political structures which contributed to it. One outcome of quiescence, resource-based ethnic and sectarian conflicts and faulty development paradigm is deepened inequality and a wedge between winners and losers or affluence, wealth and power vis-à-vis poverty and hunger among humiliated jobless and hope-less masses. The book blends theories of development and transition to explain the complex factors which contributed to North Africans' revolt against authoritarianism and its long-term consequences for political development in the Arab World. This timely book is of great interest to researchers and students in Development Studies, Economics and Middle Eastern Studies as well as policy makers and democracy, human rights and social justice activists in the Arab world.

Eat, Drink, and Be Wary Bloomsbury Publishing USA

This book is a comprehensive volume that brings together vast knowledge about agricultural prairies in one place, providing concise information and providing concise descriptions of natural resources and their influence on crop productivity. It provides detailed descriptions about natural settings as well as lucid discussions on soil fertility and

Testing and Analysis of GMO-containing Foods and Feed Edward Elgar Publishing

Building a Nation at War argues that the Chinese Nationalist government's retreat inland during the Sino-Japanese War (1937-1945), its consequent need for inland resources, and its participation in new scientific and technical relationships with the United States led to fundamental changes in how the Nationalists engaged with science and technology as tools to promote development. The war catalyzed an emphasis on applied sciences, comprehensive economic planning, and development of scientific and technical human resources—all of which served the Nationalists' immediate and long-term goals. It created an opportunity for the Nationalists to extend control over inland China and over education and industry. It also provided opportunities for China to mobilize transnational networks of Chinese-Americans, Chinese in America, and the American government and businesses. These groups provided technical advice, ran training programs, and helped the Nationalists acquire manufactured goods and tools. J. Megan Greene shows how the Nationalists worked these programs to their advantage, even in situations where their American counterparts clearly had the upper hand. Finally, this book shows how, although American advisers and diplomats criticized China for harboring resources rather than putting them into winning the war against Japan, U.S. industrial consultants were also strongly motivated by postwar goals.

Handbook on Agriculture, Biotechnology and Development Morgan James Publishing

Given the environmental concerns and declining availability of fossil fuels, as well as the growing population worldwide, it is essential to move toward a sustainable bioenergy-based economy. However, it is also imperative to address sustainability in the bioenergy industry in order to avoid depleting necessary biomass resources. Sustainable Bioenergy Production provides comprehensive knowledge and skills for the analysis and design of sustainable biomass production, bioenergy processing, and biorefinery systems for professionals in the bioenergy field. Focusing on topics vital to the sustainability of the bioenergy industry, this book is divided into four sections: Fundamentals of Engineering Analysis and Design of Bioenergy Production Systems, Sustainable Biomass Production and Supply Logistics, Sustainable Bioenergy Processing, and Sustainable Biorefinery Systems. Section I covers the fundamentals of genetic engineering, novel breeding, and cropping technologies applied in the development of energy crops. It discusses modern computational tools used in the design and analysis of bioenergy production systems and the life-cycle assessment for evaluating the environmental sustainability of biomass production and bioenergy processing technologies. Section II focuses on the technical and economic feasibility and environmental sustainability of various biomass feedstocks and emerging technologies to improve feedstock sustainability. Section III addresses the technical and economic feasibility and environmental sustainability of different bioenergy processing technologies and emerging technologies to improve the sustainability of each bioenergy process. Section IV discusses the design and analysis of biorefineries and different biorefinery systems, including lignocellulosic feedstock, whole-crop, and green biorefinery.

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