

Afrikaans Paper 2 Nsc 2013

Forging Peace in Southeast Asia The EU–Japan Partnership in the Shadow of China Survey of Current Business The Impact of International Migration Geopolitics and the Western Pacific The U.S. Coast Guard Budget and Oversight Botswana National Water Master Plan Study: Report Biomimetic Medical Materials Data Interpretation & Data Sufficiency Department of Homeland Security Appropriations for 2015 The SAGE Handbook of Asian Foreign Policy 2013 International Conference on Electrical, Control and Automation Engineering(ECAE2013) Cyber Threat Intelligence Botswana National Water Master Plan Study **Securing the State and its Citizens** New Insights Into Understanding and Managing NAFLD Climate Change and Insect Pests Use of Remote Sensing to Estimate Paddy Area and Production Civil Society Organization and Disaster Risk Reduction 2013 International Conference on Advanced Education Technology and Management Science(AETMS2013) Deadly Contradictions Stem-Cell Nanoengineering World Anthropologies in Practice Management Science in Fisheries Southeast Asian Affairs 2014 Obstetrics & Gynaecology Finance and the Behavioral Prospect Context-Dependent Regulation of Neurogenesis: Common Themes and Unique Features of the Neurogenic Process in Different Model Systems ICCSM2013-Proceedings of the International Conference on Cloud Security Management Generation of Neurons and Their Integration in Pre-Existing Circuits in the Postnatal Brain: Signalling in Physiological and Regenerative Contexts The SSCI Syndrome in Higher Education **Infections Affecting Pregnancy and Childbirth** Risk-based, Management-led, Audit-driven, Safety Management Systems Adult neurogenesis twenty years later: physiological function versus brain repair The Politics of Abolition Revisited The Balkans in the Cold War **Managing Sport Development Central and East European Politics** Stem Cells and Aging Brain Nutrient Sensing in the Control of Energy Balance: New Insights and Perspectives

Eventually, you will certainly discover a additional experience and endowment by spending more cash. nevertheless when? do you acknowledge that you require to acquire those every needs past having significantly cash? Why dont you attempt to get something basic in the beginning? Thats something that will lead you to understand even more in this area the globe, experience, some places, in the manner of history, amusement, and a lot more?

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The EU–Japan Partnership in the Shadow of China Sep 30 2022 Both the European Union and Japan have been major beneficiaries and supporters of the liberal international order, first led by the United States since the end of World War II. During this period, they have emerged as global powers, however, the very order that nurtured their rise is now facing twin threats. First, through authoritarian China's promotion of alternative models of global governance, and second from a crisis of liberalism, manifested in the policies of President Donald Trump and Brexit. This book explores these challenges faced by both the EU and Japan, providing a multidisciplinary approach to studying the relationship between the two. It analyses their cooperation in terms of security, defence and trade and examines how their shared normative values are ultimately implemented. Having recently concluded an Economic Partnership Agreement and with a Strategic Partnership Agreement in the pipeline, this book asks whether they can convert their latent and modest cooperation into an alternative form of leadership and an antidote to the illiberal tide sweeping the developed world? As the first book to shed light on the new Economic Partnership Agreement between the EU and Japan, this book will be useful to students and scholars of Japanese Studies, as well as European Union politics and international political economy more generally.

Forging Peace in Southeast Asia Nov 01 2022 Until recently, Southeast Asia was plagued by separatist insurgencies that had simmered, seemingly intractable, for several decades. But peace processes in Indonesia and the Philippines have been some of the most innovative and successful in the world—a model and counterpoint for Thailand and other protracted conflicts. Since the 1970s, Indonesia, the Philippines, and Thailand have wrestled with secessionist groups. Each government entered into peace talks then, though without any sincerity or willingness to make significant concessions. By the turn of the millennium, the governments of Indonesia and the Philippines began to reevaluate their strategies while insurgents came to the conclusion that the changed global environment and waning capabilities made victory unlikely. Further, the impact of the 2004 tsunami brought not only another impetus, but also the involvement of the international donor community and peace processes began in both countries where they were successfully implemented. Successful devolution of political and economic powers that protected the cultural rights of the minority population, as well as substantial wealth sharing brought an end to these conflicts. Such successful peace building efforts serve as both a model and counterpoint for Thailand. Each of the case studies begins with a history of the insurgency, an analysis of the insurgent group's organization, operations, tactics, and capabilities before delving into the history of the peace processes and analyzing the factors that made them successful. Nothing is harder than a peace process, but the lessons of Southeast Asia show that it is made possible through such factors as a national devaluation of power, bold and creative statesmanship, the successful neutralization of spoilers, and the role of neutral third party facilitators. These cases provide important lessons for the fields of counterinsurgency and peace making.

Southeast Asian Affairs 2014 Oct 08 2020 "Southeast Asian Affairs is the only one of its kind: a comprehensive annual review devoted to the international relations, politics, and economies of the region and its nation-states. The collected volumes of Southeast Asian Affairs have become a compendium documenting the dynamic evolution of regional and national developments in Southeast Asia from the end of the 'second' Vietnam War to the alarms and struggles of today. Over the years, the editors have drawn on the talents and expertise not only of ISEAS' own professional research staff and visiting fellows, but have also reached out to tap leading scholars and analysts elsewhere in Southeast and East Asia, Australia and New Zealand, North America, and Europe. A full list of contributors over forty years reads like a kind of whos' who in Southeast Asian Studies. Regardless of specific events and outcomes in political, economic, and social developments in Southeast Asia's future, we can expect future editions of Southeast Asian Affairs to continue to provide the expert analysis that has marked the publication since its founding. It has become an important contributor to the knowledge base of contemporary Southeast Asia." - Donald E. Weatherbee, Russell Distinguished Professor Emeritus, University of South Carolina

Data Interpretation & Data Sufficiency Feb 21 2022 Data Interpretation & Data Sufficiency which is an equally weighed section in many competitive examinations tests the thinking power and mind applicability skills of the candidates. The questions asked in various competitive examinations are not easy to solve without having enough practice. The Accredited Guide to Data Interpretation & Data Sufficiency will help aspirants master the 'Tricks of the Trade'. This book has been divided into nine chapters namely Analysis of Data, Data Table, Bar Chart, Line Graph, Pie Chart or Circle Graph, Mixed Graph, Case Studies, Miscellaneous Charts & Data Sufficiency, each sub-divided into number of chapters with different types of questions of multiple patterns asked in various exams. Ample numbers of solved problems have been covered in each chapter followed by practice exercises at the end to help aspirants revised and practice the concepts discussed in each chapter. Also the book contains previous years' solved questions of different competitive examinations like CAT, MAT, CMAT, Bank (PO/Clerk), UPSC, SSC and other state PSC Exams, etc to help aspirants get an insight into the types of reasoning questions asked. The book will be highly useful for aspirants preparing for Management (CAT, XAT, CMAT, IIFT, SNAP & other), Bank (PO & Clerk), SSC (CGL/CPO), UPSC & other state PSC Exams, etc. As the book covers Data Interpretation & Data Sufficiency both in detail with ample number of solved problems, it for sure will help aspirants prepare both the types in a thorough manner and will act as a Accredited Guide to Data Interpretation & Data Sufficiency.

The U.S. Coast Guard Budget and Oversight May 27 2022

Civil Society Organization and Disaster Risk Reduction Apr 13 2021 Civil society organizations (CSOs) have played important roles over the years in the disaster field. Starting from the traditional approach of response and relief, the emphasis has gradually shifted to disaster risk reduction. From international nongovernmental organizations (NGOs) to national and local NGOs, all stakeholders have recognized the significance of and need for community-based risk reduction. In their different capacities they have endeavored to establish links to the policy options at the local and national levels. There still are many issues that remain untouched by CSOs, however, and local CSOs face special challenges in resources in terms of human, financial, and technical issues. Drawing examples from Asia, this book is structured on the roles of CSOs according to the Hyogo Framework for Action priority areas: policy making, risk assessment, education and training, underlying risk factors, and response–recovery. The primary target groups for this book are students and researchers in the fields of environment, disaster risk reduction, and climate change studies. The book provides a clear view of the current trends of research in the field and furnishes basic knowledge on these important topics. Another target group comprises practitioners and policy makers, who will be able to apply the knowledge collected here to policy and decision making.

ICCSM2013-Proceedings of the International Conference on Cloud Security Management Jun 03 2020

Stem-Cell Nanoengineering Jan 11 2021 Stem Cell Nanoengineering reviews the applications of nanotechnology in the fields of stem cells, tissue engineering, and regenerative medicine. Topics addressed include various types of stem cells, underlying principles of nanobiotechnology, the making of nano-scaffolds, nano tissue engineering, applications of nanotechnology in stem cell tracking and molecular imaging, nano-devices, as well as stem cell nano-engineering from bench to bedside. Written by renowned experts in their respective fields, chapters describe and explore a wide variety of topics in stem cell nanoengineering, making the book a valuable resource for both researchers and clinicians in biomedical and bioengineering fields.

Stem Cells and Aging Jul 25 2019 Dr. Borlongan and Dr. Steinberg serve as consultants to stem cell-based companies, hold patents and patent applications, and have funded grants related to stem cell biologics and applications.

Botswana National Water Master Plan Study Sep 18 2021

Department of Homeland Security Appropriations for 2015 Jan 23 2022

Deadly Contradictions Feb 09 2021 As US imperialism continues to dictate foreign policy, Deadly Contradictions is a compelling account of the American empire. Stephen P. Reyna argues that contemporary forms of violence exercised by American elites in the colonies, client state, and regions of interest have deferred imperial problems, but not without raising their own set of deadly contradictions. This book can be read many ways: as a polemic against geopolitics, as a classic social anthropological text, or as a seminal analysis of twenty-four US global wars during the Cold War and post-Cold War eras.

Adult neurogenesis twenty years later: physiological function versus brain repair Dec 30 2019 The discovery that mammalian brains contain neural stem cells which perform adult neurogenesis - the production and integration of new neurons into mature neural circuits - has provided a fully new vision of neural plasticity. On a theoretical basis, this achievement opened new perspectives for therapeutic approaches in restorative and regenerative neurology. Nevertheless, in spite of striking advancement concerning the molecular and cellular mechanisms which allow and regulate the neurogenic process, its exploitation in mammals for brain repair strategies remains unsolved. In non-

mammalian vertebrates, adult neurogenesis also contributes to brain repair/regeneration. In mammals, neural stem cells do respond to pathological conditions in the so called "reactive neurogenesis", yet without substantial regenerative outcome. Why, even in the presence of stem cells in the brain, we lack an effective reparative outcome in terms of regenerative neurology, and which factors hamper the attainment of this goal? Essentially, what remains unanswered is the question whether (and how) physiological functions of adult neurogenesis in mammals can be exploited for brain repair purposes.

Managing Sport Development Sep 26 2019 Sport development has become a significant part of the international sport industry. The development of sport (creating pathways for participation and talent development) and sport for development (using sport as a tool to achieve outcomes beyond sport) are now fundamental aspects of the organisation and governance of sport around the world. Consequently, any manager working in sport today needs to understand what sport development is and how sport development programs can be managed, implemented and evaluated. This is the first undergraduate textbook to offer a complete introduction to sport development, covering theory and its application to managerial practice, with examples from international contexts. The book integrates discussion of the development of sport and sport for development in every chapter, with international case studies to illustrate the significance and application of both. Each chapter introduces key theory, examines the implications of theory for practice and critically analyses practical managerial issues. Discussion of both able-bodied and disability sport are embedded throughout, and the book includes a range of useful features to aid understanding, such as learning objectives, real world data and examples, key terms, review questions, and a companion website containing slides and a test bank for instructors. *Managing Sport Development* is an essential text for any introductory sport development course, and invaluable reading for any course on international sport management, sport policy, sport governance, sport and social issues, or coach education.

Management Science in Fisheries Nov 08 2020 A key goal of fisheries management is to regulate extractive pressure on a resource so as to ensure social, economic and ecological sustainability. This text provides an accessible entry point for students and professionals to management science as developed in fisheries, in order to facilitate uptake of the latest ideas and methods. Traditional management approaches have relied upon a stock assessment based on existing understanding of resource status and dynamics, and a prediction of the likely future response to a static management proposal. However all such predictions include an inherent degree of uncertainty, and the last few decades have seen the emergence of an adaptive approach that uses feedback control to account for unknown future behaviour. Feedback is achieved via a control rule, which defines a relationship between perceived status of the resource and a management action. Evaluations of such rules usually include computer simulation testing across a broad range of uncertainties, so that an appropriate and robust rule can be selected by stakeholders and managers. The book focuses on this approach, which is usually referred to as Management Strategy Evaluation. The book is enriched by case study examples from different parts of the world, as well as insights into the theory and practice from those actively involved in the science of fisheries management.

Finance and the Behavioral Prospect Aug 06 2020 This book explains how investor behavior, from mental accounting to the combustible interplay of hope and fear, affects financial economics. The transformation of portfolio theory begins with the identification of anomalies. Gaps in perception and behavioral departures from rationality spur momentum, irrational exuberance, and speculative bubbles. Behavioral accounting undermines the rational premises of mathematical finance. Assets and portfolios are imbued with "affect." Positive and negative emotions warp investment decisions. Whether hedging against intertemporal changes in their ability to bear risk or climbing a psychological hierarchy of needs, investors arrange their portfolios and financial affairs according to emotions and perceptions. Risk aversion and life-cycle theories of consumption provide possible solutions to the equity premium puzzle, an iconic financial mystery. Prospect theory has questioned the cogency of the efficient capital markets hypothesis. Behavioral portfolio theory arises from a psychological account of security, potential, and aspiration.

Botswana National Water Master Plan Study: Report Apr 25 2022

Context-Dependent Regulation of Neurogenesis: Common Themes and Unique Features of the Neurogenic Process in Different Model Systems Jul 05 2020

The SSCI Syndrome in Higher Education Apr 01 2020 As a result of the world class university rankings, many governments adopt public incentives and sanctions to push universities to excel. Above all, the better faculty research publication in SSCI and SCI journals, the more resources and social prestige universities will obtain. This timely book attempts to relate these dilemmas in Taiwan to many non-English speaking counterparts which also struggle with the worldwide SSCI syndrome. As Taiwan's higher education system, similar to that of some other countries, has been recently devastated by the SSCI-based quantitative evaluations of academic performance in terms of its adverse impacts on the balances between teaching vs. research; qualitative vs. quantitative evaluations; globally oriented, English vs. locally oriented, non-English publications; and publications in academic journals vs. books, *The SSCI Syndrome in Higher Education* is a long overdue study that offers a systematic, comprehensive coverage of the above-mentioned SSCI syndrome on the dynamics of Taiwan's academe. This book definitely helps fill an important gap in the literature on Taiwan's higher education system. Tsung Chi Professor of Politics, Occidental College, USA Prudence Chou's book addresses an academy on crisis caused by the ceaseless hype over university rankings. It further confirms that who comes out on top depends on who is doing the ranking. To save the heart and soul out of the Taiwanese academy, this book makes a cogent argument for culturally-responsive research in the social sciences and humanities. Gerard A. Postiglione Professor and Head, Division of Policy, Administration and Social Sciences Director, Wah Ching Center of Research on Education in China, The University of Hong Kong A spectre is haunting almost all universities in the world, including Taiwan — the spectre of "indexization." Academics, particularly social scientists are panting from the pressure of globally spread neoliberal ideology and market-based principles. Collegiality on campus in the good old days has declined, and managerialism gained power instead. Competitive funding and university rankings are excessively emphasized, and research results are required to be internationalized, i.e., published in English. Although this book is a case study of so-called SSCI syndrome in Taiwan, the problems and challenges as well as prescription contained here are common to all academics, especially those in the non-English speaking countries positioned as "peripheral." Yutaka Otsuka Professor of Hiroshima University, President of Japan Comparative Education Society The danger with SSCI syndrome is that it encourages social studies in nonwestern societies to dissociate themselves from local contexts, reflecting a particular view of what is claimed to be 'universal' that is informed only by the Western (especially English-speaking) world. It raises the question of what counts as 'scholarship' and defines what knowledge is and who may claim competence in it. This volume serves us well as a timely reminder of such a great danger. Rui Yang Professor, Faculty of Education, University of Hong Kong

2013 International Conference on Advanced Education Technology and Management Science(AETMS2013) Mar 13 2021 2013 International Conference on Advanced Education Technology and Management Science(AETMS2013) aims to provide a forum for accessing to the most up-to-date and authoritative knowledge from both Education Technology and Management Science. AETMS2013 features unique mixed topics of Education technology, Teaching theory, psychology, Sport Pedagogy, Management science and engineering, Finance and economics and so on. The goal of this conference is to bring researchers, engineers, and students to the areas of Education Technology and Management Science to share experiences and original research contributions on those topics.

New Insights Into Understanding and Managing NAFLD Jul 17 2021

Central and East European Politics Aug 25 2019 Now fully updated, this text explores the post-communist half of Europe along with the problems and potential it brings, offering an authoritative and up-to-date analysis of the transformations in today's Central and Eastern Europe, the Baltics, and Ukraine.

The Politics of Abolition Revisited Nov 28 2019 Originally published in 1974 and the recipient of the Denis Carroll Book Prize at the World Congress of the International Criminology Society in 1978, Thomas Mathiesen's *The Politics of Abolition* is a landmark text in critical criminology. In its examination of Scandinavian penal policy and call for the abolition of prisons, this book was enormously influential across Europe and beyond among criminologists, sociologists and legal scholars, as well as advocates of prisoners' rights. Forty years on and in the context of mass incarceration in many parts of the world, this book remains relevant to a new generation of penal scholars. This new edition includes a new introduction from the author, as well as an afterword that collects contributions from leading criminologists and inmates from Germany, England, Norway and the United States to reflect on the development and current state of the academic literature on penal abolition. This book will be suitable for academics and students of criminology and sociology, as well as those studying political science. It will also be of great interest to those who read the original book and are looking for new insights into an issue that is still as important and topical today as it was forty years ago.

The SAGE Handbook of Asian Foreign Policy Dec 22 2021 Comprising 60.3 percent of the world's 7.2 billion population, Asia is an enigma to many in the West. Hugely dynamic in its demographic, economic, technological and financial development, its changes are as rapid as they are diverse. The *SAGE Handbook of Asian Foreign Policy* provides the reader with a clear, balanced and comprehensive overview on Asia's foreign policy and accompanying theoretical trends. Placing the diverse and dynamic substance of Asia's international relations first, and bringing together an authoritative assembly of contributors from across the world, this is a reliable introduction to non-Western intellectual traditions in Asia. VOLUME 1: PART 1: Theories PART 2: Themes PART 3: Transnational Politics PART 4: Domestic Politics PART 5: Transnational Economics VOLUME 2: PART 6: Foreign Policies of Asian States Part 6a: East Asia Part 6b: Southeast Asia Part 6c: South & Central Asia Part 7: Offshore Actors Part 8: Bilateral Issues Part 9: Comparison of Asian Sub-Regions

Brain Nutrient Sensing in the Control of Energy Balance: New Insights and Perspectives Jun 23 2019 The present Research Topic proposes reviews and original articles covering the complex field of study of the importance of brain nutrient-sensing in the control of energy balance. It aims to give a clear view on the current questions addressed by the scientific community, and to raise new questions to achieve a full understanding of the impact of nutrient-sensing, and more generally nutrition, on brain functions.

Survey of Current Business Aug 30 2022 Presents current statistical data on economic activity.

Geopolitics and the Western Pacific Jun 27 2022 This book examines the development of China's national ambitions under its current leader Xi Jinping and the dilemma they present for the United States and also Japan. It emphasises the importance of geopolitics, that is the way national strategies and policies are shaped and in some cases determined by geographic location. Focusing especially on China's national rejuvenation and its rapidly growing military capability and navy, and on the likely impact on the region of China regaining the status and influence it enjoyed in dynastic times, the book highlights the hard choices faced by the United States as it seeks to protect its geopolitical position in the Western Pacific, particularly in the South China Sea, the Korean Peninsula and the Taiwan straits. How far should the United States confront China or accommodate China, possibly at the risk of undermining its geopolitical position and its alliance relationships with Japan, Australia and South Korea? The book also discusses the degree to which issues of institution building and economic interdependence can overcome or constrain geopolitical calculations.

The Impact of International Migration Jul 29 2022 This book comprises the historical overview of migration processes in Kyrgyzstan, contemporary migration trends in international migration and various social, economic and political impacts of migration. It presents the findings of longstanding, in-depth, comprehensive and empirical research. Insights are maximized by applying the multi-sited strategy of analyzing both the migrant's place of origin and that of destination. The primary goal of the book is to contribute to a better understanding of the meanings and the impacts of contemporary international migration processes in Kyrgyzstan and their relevance for local livelihoods.

2013 International Conference on Electrical, Control and Automation Engineering(ECAE2013) Nov 20 2021 2013 International Conference on Electrical, Control and Automation Engineering(ECAE2013) aims to provide a forum for accessing to the most up-to-date and authoritative knowledge from both Electrical, Control and Automation Engineering. ECAE2013 features unique mixed topics of Electrical Engineering, Automation, Control Engineering and so on. The goal of this conference is to bring researchers, engineers,

and students to the areas of Electrical, Control and Automation Engineering to share experiences and original research contributions on those topics. Researchers and practitioners are invited to submit their contributions to ECAE2013

Risk-based, Management-led, Audit-driven, Safety Management Systems Jan 29 2020 Risk-based, Management-led, Audit-driven, Safety Management Systems, explains what a safety management system (SMS) is, and how it reduces risk in order to prevent accidental losses in an organization. It advocates the integration of safety and health into the day-to-day management of the enterprise as a value, rather than an add-on, and emphasizes that the safety movement must be initiated, led and maintained by management at all levels. The concepts of safety authority, responsibility and accountability are described as the key ingredients to safety system success. Safety system audits are expounded in simple terms, and leading safety performance indicators are suggested as the most important measurements, in preference to lagging indicators. McKinnon highlights the importance of the identification and control of risk as a key basis for a SMS, with examples of a simple risk matrix and daily task risk assessment, as well as a simplified method of assessing, analyzing, and controlling risks. The book refers to international Guidelines on SMS, as well as the proposed International Organization for Standardization (ISO) 45001, which could soon become the international safety benchmark for organizations worldwide. Using clear, approachable examples, the chapters give a complete overview of an SMS and its components. Confirming to most of the safety management system Guidelines published by leading world authorities, this volume will allow organizations to structure their own world-class SMS.

Generation of Neurons and Their Integration in Pre-Existing Circuits in the Postnatal Brain: Signalling in Physiological and Regenerative Contexts May 03 2020 This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key findings and historical advances in a hot research area! Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: frontiersin.org/about/contact.

The Balkans in the Cold War Oct 27 2019 Positioned on the fault line between two competing Cold War ideological and military alliances, and entangled in ethnic, cultural and religious diversity, the Balkan region offers a particularly interesting case for the study of the global Cold War system. This book explores the origins, unfolding and impact of the Cold War on the Balkans on the one hand, and the importance of regional realities and pressures on the other. Fifteen contributors from history, international relations, and political science address a series of complex issues rarely covered in one volume, namely the Balkans and the creation of the Cold War order; Military alliances and the Balkans; uneasy relations with the Superpowers; Balkan dilemmas in the 1970s and 1980s and the 'significant other' – the EEC; and identity, culture and ideology. The book's particular contribution to the scholarship of the Cold War is that it draws on extensive multi-archival research of both regional and American, ex-Soviet and Western European archives.

Obstetrics & Gynaecology Sep 06 2020 Modelled after the current MRCOG curriculum, the new edition of this bestselling book provides all the information a specialist registrar in obstetrics and gynaecology or senior house officer needs during training or when preparing for the MRCOG examination. *Obstetrics & Gynaecology: An Evidence-based Text for MRCOG* covers the latest profession

Securing the State and its Citizens Aug 18 2021 The global security situation is challenging and constantly changing. Responding to threats requires the effective coordination of the various levers of national power. These must now go beyond the traditional diplomatic, information, military and economic levers, to involve other, non-security agencies, including those responsible for the environment, health, education and industry. Through a uniquely extensive study of countries from across the world, this book considers how nations have developed bespoke coordination mechanisms to the unique threats they face, and how these mechanisms have had to evolve as the threats change. It covers nations for whom the system is well established (e.g. the US in 1947) and other countries whose arrangements are more recent, such as the UK (2010). Where the National Security Councils have existed for longest, the case studies highlight how they have transformed as the national understanding of security has changed, typically to reflect a broadening. Consequently, while there are no universal solutions, the comparative approach taken in this book identifies enduring principles for shaping the creation or reform of national security coordination fit for the challenges of the twenty-first century.

Biomimetic Medical Materials Mar 25 2022 This volume outlines the current status in the field of biomimetic medical materials and illustrates research into their applications in tissue engineering. The book is divided into six parts, focusing on nano biomaterials, stem cells, tissue engineering, 3D printing, immune responses and intellectual property. Each chapter has its own introduction and outlines current research trends in a variety of applications of biomimetic medical materials. The biomimetic medical materials that are covered include functional hydrogels, nanoparticles for drug delivery and medicine, the 3D bioprinting of biomaterials, sensor materials, stem cell interactions with biomaterials, immune responses to biomaterials, biodegradable hard scaffolds for tissue engineering, as well as other important topics, like intellectual property. Each chapter is written by a team of experts. This volume attempts to introduce the biomimetic properties of biomedical materials within the context of our current understanding of the nanotechnology of nanoparticles and fibres and the macroscopic aspects of 3D bioprinting.

Use of Remote Sensing to Estimate Paddy Area and Production May 15 2021 A substantial portion of the world's rice is produced and consumed in the Asia and Pacific region. As much of the region's population depends on rice farming for consumption and livelihood, the demand for good quality statistics remains essential for effective policy formulation. Recent advances in remote sensing serve as a viable alternative to traditional methods of compiling agricultural statistics by responding to the emerging data requirements and overall needs of modern agriculture, especially for staple commodities such as rice. This publication outlines the procedures, methods and tools developed for generating statistics on paddy rice area and production using remote sensing and GIS techniques. It is intended to encourage and assist national statistical systems in piloting and adopting satellite-based techniques as an alternative to existing data collection methods, while enabling other interested readers to comprehend whether the adoption of these methodologies can improve the quality and timeliness of agricultural statistics. The handbook also serves as a complement to a massive online open course developed by ADB for crop area estimation.

Climate Change and Insect Pests Jun 15 2021 Insects, being poikilothermic, are among the organisms that are most likely to respond to changes in climate, particularly increased temperatures. Range expansions into new areas, further north and to higher elevations, are already well documented, as are physiological and phenological responses. It is anticipated that the damage by insects will increase as a consequence of climate change, i.e. increasing temperatures primarily. However, the evidence in support of this common "belief" is sparse. *Climate Change and Insect Pests* sums up present knowledge regarding both agricultural and forest insect pests and climate change in order to identify future research directions.

Infections Affecting Pregnancy and Childbirth Mar 01 2020 This full-colour book provides midwives with highly practical, readily accessible information on the wide range of infections affecting pregnancy and childbirth. It comprehensively outlines the vital role of the midwife in infection, including prevention, identification of high-risk individuals, educational opportunities, signs and symptoms, sample

World Anthropologies in Practice Dec 10 2020 In a post-colonial world, the contributions of anthropologists living outside North America and Western Europe can no longer be treated as marginal. *World Anthropologies in Practice* demonstrates how global dialogues enable us to draw on local knowledge as well as differences of perspective to help overcome anthropology's eternal struggle against ethnocentrism and to strengthen the subject's relevance to the contemporary world. Based on contributions to the ASA-sponsored IUAES World Anthropology Congress in Manchester, UK, this truly global book brings together a wide range of international scholars who might otherwise not talk to each other. Featuring articles from leading figures in the field such as Yolanda Moses, Winnie Lem, Carmen Rial, Miriam Grossi, and Cristina Amescua, the volume covers topics as diverse as the mobility of Brazilian football players, toilets in South Africa, trade unions in Nepal and South Africa, peace-building in southern Thailand, museological approaches in China, the Great East Japan earthquake and tsunami, immigration and race in the United States, and many more. Edited by John Gledhill, the text offers a much-needed insight into the way in which anthropology is developing worldwide and makes a tremendous contribution to the discussion of 'world anthropologies'. An important, timely work for students and researchers.

Cyber Threat Intelligence Oct 20 2021 This book provides readers with up-to-date research of emerging cyber threats and defensive mechanisms, which are timely and essential. It covers cyber threat intelligence concepts against a range of threat actors and threat tools (i.e. ransomware) in cutting-edge technologies, i.e., Internet of Things (IoT), Cloud computing and mobile devices. This book also provides the technical information on cyber-threat detection methods required for the researcher and digital forensics experts, in order to build intelligent automated systems to fight against advanced cybercrimes. The ever increasing number of cyber-attacks requires the cyber security and forensic specialists to detect, analyze and defend against the cyber threats in almost real-time, and with such a large number of attacks it is not possible without deeply perusing the attack features and taking corresponding intelligent defensive actions – this in essence defines cyber threat intelligence notion. However, such intelligence would not be possible without the aid of artificial intelligence, machine learning and advanced data mining techniques to collect, analyze, and interpret cyber-attack campaigns which is covered in this book. This book will focus on cutting-edge research from both academia and industry, with a particular emphasis on providing wider knowledge of the field, novelty of approaches, combination of tools and so forth to perceive reason, learn and act on a wide range of data collected from different cyber security and forensics solutions. This book introduces the notion of cyber threat intelligence and analytics and presents different attempts in utilizing machine learning and data mining techniques to create threat feeds for a range of consumers. Moreover, this book sheds light on existing and emerging trends in the field which could pave the way for future works. The interdisciplinary nature of this book, makes it suitable for a wide range of audiences with backgrounds in artificial intelligence, cyber security, forensics, big data and data mining, distributed systems and computer networks. This would include industry professionals, advanced-level students and researchers that work within these related fields.