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Climate Change 2014

Synthesis Report

BRICS and the New American Imperialism

Global rivalry and resistance

Wits University Press **Challenges the mainstream understanding of BRICS and US dominance to situate the new global rivalries engulfing capitalism**
BRICS is a grouping of the five major emerging economies of Brazil, Russia, India, China and South Africa. Volume five in the Democratic Marxism series, BRICS and the New American Imperialism challenges the mainstream understanding of BRICS and US dominance to situate the new global rivalries engulfing capitalism. It offers novel analyses of BRICS in the context of increasing US induced imperial chaos, deepening environmental crisis tendencies (such as climate change and water scarcity), contradictory dynamics inside BRICS countries and growing subaltern resistance. The authors revisit contemporary thinking on imperialism and anti-imperialism, drawing on the work of Rosa Luxemburg, one of the leading theorists after Marx, who attempted to understand the expansionary nature of capitalism from the heartlands to the peripheries. The richness of Luxemburg's pioneering work inspires most of the volume's contributors in their analyses of the dangerous contradictions of the

contemporary world as well as forms of democratic agency advancing resistance. While various forms of resistance are highlighted, among them water protests, mass worker strikes, anti-corporate campaigning and forms of cultural critique, this volume grapples with the challenge of renewing anti-imperialism beyond the NGO-driven World Social Forum and considers the prospects of a new horizontal political vessel to build global convergence. It also explores the prospects of a Fifth International of Peoples and Workers.

Rock | Water | Life

Ecology and Humanities for a Decolonial South Africa

Duke University Press In **Rock | Water | Life** Lesley Green examines the interwoven realities of inequality, racism, colonialism, and environmental destruction in South Africa, calling for environmental research and governance to transition to an ecopolitical approach that could address South Africa's history of racial oppression and environmental exploitation. Green analyzes conflicting accounts of nature in environmental sciences that claim neutrality amid ongoing struggles for land restitution and environmental justice. Offering in-depth studies of environmental conflict in contemporary South Africa, Green addresses the history of contested water access in Cape Town; struggles over natural gas fracking in the Karoo; debates about decolonizing science; the potential for a politics of soil in the call for land restitution; urban baboon management; and the consequences of sending sewage to urban oceans.

The Social Determinants of Mental Health

American Psychiatric Pub **The Social Determinants of Mental Health** aims to fill the gap that exists in the psychiatric, scholarly, and policy-related literature on the social determinants of mental health: those factors stemming from where we learn, play, live, work, and age that impact our overall mental health and well-being. The editors and an impressive roster of chapter authors from diverse scholarly backgrounds provide detailed information on topics such as discrimination and social exclusion; adverse early life experiences; poor education; unemployment, underemployment, and job insecurity; income inequality, poverty, and neighborhood deprivation; food insecurity; poor housing quality and housing instability; adverse features of the built environment; and poor access to mental health care. This thought-provoking book offers many beneficial features

for clinicians and public health professionals: Clinical vignettes are included, designed to make the content accessible to readers who are primarily clinicians and also to demonstrate the practical, individual-level applicability of the subject matter for those who typically work at the public health, population, and/or policy level. Policy implications are discussed throughout, designed to make the content accessible to readers who work primarily at the public health or population level and also to demonstrate the policy relevance of the subject matter for those who typically work at the clinical level. All chapters include five to six key points that focus on the most important content, helping to both prepare the reader with a brief overview of the chapter's main points and reinforce the "take-away" messages afterward. In addition to the main body of the book, which focuses on selected individual social determinants of mental health, the volume includes an in-depth overview that summarizes the editors' and their colleagues' conceptualization, as well as a final chapter coauthored by Dr. David Satcher, 16th Surgeon General of the United States, that serves as a "Call to Action," offering specific actions that can be taken by both clinicians and policymakers to address the social determinants of mental health. The editors have succeeded in the difficult task of balancing the individual/clinical/patient perspective and the population/public health/community point of view, while underscoring the need for both groups to work in a unified way to address the inequities in twenty-first century America. The Social Determinants of Mental Health gives readers the tools to understand and act to improve mental health and reduce risk for mental illnesses for individuals and communities. Students preparing for the Medical College Admission Test (MCAT) will also benefit from this book, as the MCAT in 2015 will test applicants' knowledge of social determinants of health. The social determinants of mental health are not distinct from the social determinants of physical health, although they deserve special emphasis given the prevalence and burden of poor mental health.

The Fourth Industrial Revolution

Penguin UK The founder and executive chairman of the World Economic Forum on how the impending technological revolution will change our lives We are on the brink of the Fourth Industrial Revolution. And this one will be unlike any other in human history. Characterized by new technologies fusing the physical, digital and biological worlds, the Fourth Industrial Revolution will impact all disciplines, economies and industries - and it will do so at an unprecedented rate. World Economic Forum data predicts that by 2025 we will see: commercial use of nanomaterials 200 times stronger than steel and a million times thinner than human hair; the first transplant of a 3D-printed liver; 10% of all cars on US roads being driverless; and much more besides. In *The Fourth Industrial Revolution*, Schwab outlines the key technologies driving this revolution, discusses the major impacts

on governments, businesses, civil society and individuals, and offers bold ideas for what can be done to shape a better future for all.

The Challenge of Democracy: American Government in Global Politics

Cengage Learning Thoroughly updated through the 2020 election, Janda/Berry/Goldman/Schildkraut/Manna's **THE CHALLENGE OF DEMOCRACY: AMERICAN GOVERNMENT IN GLOBAL POLITICS**, 15th edition, explores how the clash of values surrounding freedom, order and equality characterize U.S. politics. It illustrates tensions between majoritarian and pluralist views of democracy across the political landscape and examines how U.S. political institutions and outputs compare to those in other countries. It also highlights the fragility of American democracy, the importance of norms in shaping how provisions of the Constitution work in practice and the ways that white supremacy have influenced political outcomes. New coverage includes the Trump administration, the COVID-19 pandemic, the rise of fake news, debates about healthcare reform, the impact of social media on political activity, gun control, immigration politics, and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Safe Management of Wastes from Health-care Activities

World Health Organization

Sustaining Life

AIDS Activism in South Africa

University of Pennsylvania Press From the historical roots of AIDS activism in the struggle for African liberation to the everyday work of community education in Khayelitsha, *Sustaining Life* tells the story of how the rights-based South African AIDS movement successfully transformed public health institutions, enabled access to HIV/AIDS treatment, and sustained the lives of people living with the disease. Typical accounts of the South African epidemic have focused on the political conflict surrounding it, Theodore Powers observes, but have yet to examine the process by which

the national HIV/AIDS treatment program achieved near-universal access. In *Sustaining Life*, Powers demonstrates the ways in which non-state actors, from caregivers to activists, worked within the state to transform policy and state-based institutions in order to improve health-based outcomes. He shows how advocates in the South African AIDS movement channeled the everyday experiences of poor and working-class people living with HIV/AIDS into tangible policy changes at varying institutional levels, revealing the primacy of local action for expanding treatment access. In his analysis of the transformation of the state health system, Powers addresses three key questions: How were the activists of the movement able to overcome an AIDS-dissident faction that was backed by government power? How were state health institutions and HIV/AIDS policy transformed to increase public sector access to treatment? Finally, how should the South African campaign for treatment access inform academic debates on social movements, transnationalism, and the state? Based on extended participant observation and in-depth interviews with members of the South African AIDS movement, *Sustaining Life* traces how the political principles of the anti-apartheid movement were leveraged to build a broad coalition that changed national HIV/AIDS policy norms and highlights how changes in state-society relations can be produced by local activism.

Taking Stock of Industrial Ecology

Springer How can we design more sustainable industrial and urban systems that reduce environmental impacts while supporting a high quality of life for everyone? What progress has been made towards reducing resource use and waste, and what are the prospects for more resilient, material-efficient economies? What are the environmental and social impacts of global supply chains and how can they be measured and improved? Such questions are at the heart of the emerging discipline of industrial ecology, covered in *Taking Stock of Industrial Ecology*. Leading authors, researchers and practitioners review how far industrial ecology has developed and current issues and concerns, with illustrations of what the industrial ecology paradigm has achieved in public policy, corporate strategy and industrial practice. It provides an introduction for students coming to industrial ecology and for professionals who wish to understand what industrial ecology can offer, a reference for researchers and practitioners and a source of case studies for teachers.

The Routledge Handbook on Ecosocialism

Routledge Building on the classical works that have propelled and shaped ecosocialist thinking and action and more recent political developments on the ground, the volume will provide a reference point for international

work in the field, both directly political and academic. The Handbook acquaints readers with the varied roots of and sometimes conflicting approaches to ecosocialism. It does not attempt any unification of ecosocialist currents. Rather, it aims to provide a resource that is as comprehensive as possible with respect not only to theorization and ideological framing, but also and especially to existing projects, practices, and movements and giving a sense of the geographical reach that ecosocialism so far represents. This includes scholarship that extends Marxist foundations and reflects on more recent political developments. The theoretical and practice-oriented moorings are buttressed by discussions on movements, frameworks, and prefigurative processes as well as on social struggles occurring within institutional settings. Together, the collection offers a reference point for international work in the field, in social movements, and in institutional transformations. Providing detailed but accessible overviews of the complex, varied dimensions of ecosocialism, the Handbook is an essential up-to-date guide and reference not only for researchers, but also for undergraduate and graduate students in geography, environmental studies, development studies, sociology, and political science, as well as for policymakers and activists.

International Handbook of Adolescent Pregnancy Medical, Psychosocial, and Public Health Responses

Springer Science & Business Media **The rates are on the decline worldwide. But adolescent pregnancies still occur, placing millions of girls each year at risk for medical complications and social isolation and their babies for severe health problems-especially when prenatal care is inadequate or nonexistent. But as the opportunity for young women and girls increases around the world, adolescent pregnancy will continue to decline. Featuring reports from countries across the developed and developing worlds, the International Handbook of Adolescent Pregnancy analyzes the scope of the problem and the diversity of social and professional responses. Its biological/ecological perspective identifies factors influencing childhood pregnancy, as well as outcomes, challenges and needs of very young mothers as they differ across nations and regions. Salient comparisons are made as cultural contexts and community support vary widely and attention is paid to issues such as child marriage, LGBT concerns and the impact of religion and politics on health care, particularly access to contraception, abortion and other services. This global coverage heightens**

the understanding of readers involved in care, education and prevention programs and otherwise concerned with the psychosocial development, reproductive health and general well-being of girls. Included in the Handbook: Biological influences of adolescent pregnancy. Adolescent maternal health and childbearing. Adolescent pregnancy and mental health. International perspectives on adolescent fathers. Adolescent pregnancy as a feminist issue. Adolescent pregnancy as a social problem. Plus viewpoints from more than thirty countries. As a unique source of up-to-date findings and clear-headed analysis, the International Handbook of Adolescent Pregnancy is a go-to reference for practitioners and researchers in maternal and child health, pediatrics, adolescent medicine and global health.

Review of Maritime Transport 2020

This series contains the decisions of the Court in both the English and French texts.

Grandparents in Cultural Context

Routledge **Grandparents in Cultural Context** gives a long overdue global view of the changing roles of grandparents. The eleven main chapters are by experts in the Americas, Europe and Russia, Asia, and Africa and the Middle East, and the editors integrate their chapters with previous writings on grandparenthood. Rather than technical or statistical research reports, each chapter provides a thought-provoking and comprehensive review of research, real-life case stories, cultural influences, and applied implications for grandparenthood across and within societies. Calling special attention to the roles of grandfathers and grandparenthood in societies previously un-represented in the literature, it provides several hundred new citations of work previously unavailable in English-language publications. Accessible to both scholars and students, it has several pedagogical features (e.g. web links, discussion questions) that make it useful as a text for upper-division undergraduate or graduate level classes in behavioral, social, and family sciences. It is relevant to psychology, gerontology, family studies, anthropology, family/comparative sociology, education, social work, gender studies, ethnic studies, psychiatry, and diversity and international studies programs. Practitioners, service providers, policymakers, and internationally minded grandparents will also enjoy this book.

Routledge Handbook of Human Rights and Climate Governance

Routledge **Over the last decade, the world has increasingly grappled with the complex linkages emerging between efforts to combat climate change**

and to protect human rights around the world. The Paris Climate Agreement adopted in December 2015 recognized the necessity for governments to take into consideration their human rights obligations when taking climate action. However, important gaps remain in understanding how human rights can be used in practice to develop and implement effective and equitable solutions to climate change at multiple levels of governance. This book brings together leading scholars and practitioners to offer a timely and comprehensive analysis of the opportunities and challenges for integrating human rights in diverse areas and forms of global climate governance. The first half of the book explores how human rights principles and obligations can be used to reconceive climate governance and shape responses to particular aspects of climate change. The second half of the book identifies lessons in the integration of human rights in climate advocacy and governance and sets out future directions in this burgeoning domain. Featuring a diverse range of contributors and case studies, this Handbook will be an essential resource for students, scholars, practitioners and policy makers with an interest in climate law and governance, human rights and international environmental law.

World Social Report 2020

Inequality in a Rapidly Changing World

United Nations This report examines the links between inequality and other major global trends (or megatrends), with a focus on technological change, climate change, urbanization and international migration. The analysis pays particular attention to poverty and labour market trends, as they mediate the distributional impacts of the major trends selected. It also provides policy recommendations to manage these megatrends in an equitable manner and considers the policy implications, so as to reduce inequalities and support their implementation.

Omnia Sunt Communia

On the Commons and the Transformation to Postcapitalism

Zed Books Ltd. In this weaving of radical political economy, *Omnia Sunt Communia* sets out the steps to postcapitalism. By conceptualising the commons not just as common goods but as a set of social systems,

Massimo De Angelis shows their pervasive presence in everyday life, mapping out a strategy for total social transformation. From the micro to the macro, De Angelis unveils the commons as fields of power relations - shared space, objects, subjects - that explode the limits of daily life under capitalism. He exposes attempts to co-opt the commons, through the use of code words such as 'participation' and 'governance', and reveals the potential for radical transformation rooted in the reproduction of our communities, of life, of work and of society as a whole.

International Handbook of Research on Environmental Education

Routledge The environment and contested notions of sustainability are increasingly topics of public interest, political debate, and legislation across the world. Environmental education journals now publish research from a wide variety of methodological traditions that show linkages between the environment, health, development, and education. The growth in scholarship makes this an opportune time to review and synthesize the knowledge base of the environmental education (EE) field. The purpose of this 51-chapter handbook is not only to illuminate the most important concepts, findings and theories that have been developed by EE research, but also to critically examine the historical progression of the field, its current debates and controversies, what is still missing from the EE research agenda, and where that agenda might be headed. Published for the American Educational Research Association (AERA).

The Routledge Handbook of Urbanization and Global Environmental Change

Routledge This volume provides a comprehensive overview of the interactions and feedbacks between urbanization and global environmental change. A key focus is the examination of how urbanization influences global environmental change, and how global environmental change in turn influences urbanization processes. It has four thematic foci: Theme 1 addresses the pathways through which urbanization drives global environmental change. Theme 2 addresses the pathways through which global environmental change affects the urban system. Theme 3 addresses the interactions and responses within the urban system in response to global environmental change. Theme 4 centers on critical emerging research.

Tourism and Hospitality Studies

Peter Lang D This book discusses "tourism and hospitality" from different perspectives and disciplines. In addition, this book, considering the tourism and hotel management terminology, is expected to be a source book for the theoretical and practical scientific studies in the fields which is in close relationship such as gastronomy, recreation and marketing.

Climate Change 2007 - Impacts, Adaptation and Vulnerability

Working Group II Contribution to the Fourth Assessment Report of the IPCC

Cambridge University Press The Climate Change 2007 volumes of the Fourth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) provide the most comprehensive and balanced assessment of climate change available. This IPCC Working Group II volume provides a completely up-to-date scientific assessment of the impacts of climate change, the vulnerability of natural and human environments, and the potential for response through adaptation. Written by the world's leading experts, the IPCC volumes will again prove to be invaluable for researchers, students, and policymakers, and will form the standard reference works for policy decisions for government and industry worldwide.

The Life and Creative Works of Paulo Coelho

A Psychobiography from a Positive Psychology Perspective

Springer This book assesses the life and success of the writer Paulo Coelho, one of the most fascinating and contemporary writers in the world, through new lenses. It applies a positive psychology perspective and contributes to using innovative theories in psychobiographical studies. This study

explores the development of holistic wellness (HWM) and faith development (FDT) throughout the writer's life. It presents radical changes in spirituality, self-direction, love and faith across the life span. Further, it analyses the development of Coelho's relationship with God and the creation of meaningfulness through his belief and writing. This study contributes to a new era of psychobiographical works within the positive psychology framework.

Comprehensive Textbook of AIDS

Psychiatry

A Paradigm for Integrated Care

Oxford University Press **The Comprehensive Textbook of AIDS Psychiatry: A Paradigm for Integrated Care** is the first book to provide insight into the interface between the psychiatric, medical, and social dimensions of HIV and AIDS and the need for a compassionate, integrated approach to the HIV pandemic with an emphasis on humanizing and destigmatizing HIV. Drawing from the expertise of 135 contributors in clinical and evidence-based medicine, the book provides information on the prevalence, incidence, medical and psychiatric aspects of HIV, as well as on the prevention and care of persons with HIV/AIDS.

Science Communication in South Africa

Reflections on Current Issues

African Minds **Why do we need to communicate science? Is science, with its highly specialised language and its arcane methods, too distant to be understood by the public? Is it really possible for citizens to participate meaningfully in scientific research projects and debate? Should scientists be mandated to engage with the public to facilitate better understanding of science? How can they best communicate their special knowledge to be intelligible? These and a plethora of related questions are being raised by researchers and politicians alike as they have become convinced that science and society need to draw nearer to one another. Once the persuasion took hold that science should open up to the public and these questions were raised, it became clear that coming up with satisfactory answers would be a complex challenge. The inaccessibility of scientific language and methods, due to ever increasing specialisation, is at the base of its very success. Thus, translating specialised knowledge to become**

understandable, interesting and relevant to various publics creates particular perils. This is exacerbated by the ongoing disruption of the public discourse through the digitisation of communication platforms. For example, the availability of medical knowledge on the internet and the immense opportunities to inform oneself about health risks via social media are undermined by the manipulable nature of this technology that does not allow its users to distinguish between credible content and misinformation. In countries around the world, scientists, policy-makers and the public have high hopes for science communication: that it may elevate its populations educationally, that it may raise the level of sound decision-making for people in their daily lives, and that it may contribute to innovation and economic well-being. This collection of current reflections gives an insight into the issues that have to be addressed by research to reach these noble goals, for South Africa and by South Africans in particular.

Apartheid, 1948-1994

Oxford University Press This fresh interpretation of apartheid South Africa integrates histories of resistance with the analysis of power - asking not only why apartheid was defeated, but how it came to survive for so long.

Overcoming Barriers to Student Understanding

Threshold Concepts and Troublesome Knowledge

Routledge It has long been a matter of concern to teachers in higher education why certain students 'get stuck' at particular points in the curriculum whilst others grasp concepts with comparative ease. What accounts for this variation in student performance and, more importantly, how can teachers change their teaching and courses to help students overcome such barriers? This book examines the difficulties of student learning and offers advice on how to overcome them through course design, assessment practice and teaching methods. It also provides innovative case material from a wide range of institutions and disciplines, including the social sciences, the humanities, the sciences and economics.

Study and Master Life Sciences Grade 11 CAPS Study Guide

Why Forests? Why Now?

The Science, Economics, and Politics of Tropical Forests and Climate Change

Brookings Institution Press **Tropical forests are an undervalued asset in meeting the greatest global challenges of our time—averting climate change and promoting development. Despite their importance, tropical forests and their ecosystems are being destroyed at a high and even increasing rate in most forest-rich countries. The good news is that the science, economics, and politics are aligned to support a major international effort over the next five years to reverse tropical deforestation. Why Forests? Why Now? synthesizes the latest evidence on the importance of tropical forests in a way that is accessible to anyone interested in climate change and development and to readers already familiar with the problem of deforestation. It makes the case to decisionmakers in rich countries that rewarding developing countries for protecting their forests is urgent, affordable, and achievable.**

Our Common Future

Growing Unequal? Income Distribution and Poverty in OECD Countries

Income Distribution and Poverty in

OECD Countries

OECD Publishing This report provides evidence of a fairly generalised increase in income inequality over the past two decades across OECD countries, but the timing, intensity and causes of the increase differ from what is typically suggested in the media.

Nuclear Energy

An Introduction to the Concepts, Systems, and Applications of Nuclear Processes

Elsevier This expanded, revised, and updated fourth edition of **Nuclear Energy** maintains the tradition of providing clear and comprehensive coverage of all aspects of the subject, with emphasis on the explanation of trends and developments. As in earlier editions, the book is divided into three parts that achieve a natural flow of ideas: **Basic Concepts**, including the fundamentals of energy, particle interactions, fission, and fusion; **Nuclear Systems**, including accelerators, isotope separators, detectors, and nuclear reactors; and **Nuclear Energy and Man**, covering the many applications of radionuclides, radiation, and reactors, along with a discussion of wastes and weapons. A minimum of mathematical background is required, but there is ample opportunity to learn characteristic numbers through the illustrative calculations and the exercises. An updated **Solution Manual** is available to the instructor. A new feature to aid the student is a set of some 50 **Computer Exercises**, using a diskette of personal computer programs in BASIC and spreadsheet, supplied by the author at a nominal cost. The book is of principal value as an introduction to nuclear science and technology for early college students, but can be of benefit to science teachers and lecturers, nuclear utility trainees and engineers in other fields.

Consolidated guidelines on HIV prevention, testing, treatment, service delivery and monitoring

recommendations for a public health approach

World Health Organization **These consolidated guidelines on HIV prevention, testing, treatment, service delivery and monitoring bring together existing and new clinical and programmatic recommendations across different ages, populations and settings, bringing together all relevant WHO guidance on HIV produced since 2016. It serves as an update to the previous edition of the consolidated guidelines on HIV. These guidelines continue to be structured along the continuum of HIV care. Information on new combination prevention approaches, HIV testing, ARV regimens and treatment monitoring are included. There is a new chapter on advanced HIV disease that integrates updated guidance on the management of important HIV comorbidities, including cryptococcal disease, histoplasmosis and tuberculosis. The chapter on general HIV care, contains a new section on palliative care and pain management, and up to date information on treatment of several neglected tropical diseases, such as visceral leishmaniasis and Buruli ulcer. New recommendations for screening and treating of cervical pre-cancer lesions in women living with HIV are also addressed in this chapter. Guidance on service delivery was expanded to help the implementation and strengthening the HIV care cascade. Importantly, this guidance emphasizes the need for differentiated approaches to care for people who are established on ART, such as reduced frequency of clinic visits, use of multi-month drug dispensing and implementation of community ART distribution. The adoption of these efficiencies is essential to improve the quality of care of people receiving treatment and reduce the burden on health facilities, particularly in resource limited settings.**

Faecal Sludge Management Systems Approach for Implementation and Operation

IWA Publishing **It is estimated that literally billions of residents in urban and peri-urban areas of Africa, Asia, and Latin America are served by onsite sanitation systems (e.g. various types of latrines and septic tanks). Until recently, the management of faecal sludge from these onsite systems has been grossly neglected, partially as a result of them being considered temporary solutions until sewer-based systems could be implemented. However, the perception of onsite or decentralized sanitation technologies for urban areas is gradually changing, and is increasingly being considered**

as long-term, sustainable options in urban areas, especially in low- and middle-income countries that lack sewer infrastructures. This is the first book dedicated to faecal sludge management. It compiles the current state of knowledge of the rapidly evolving field of faecal sludge management, and presents an integrated approach that includes technology, management, and planning based on Sandecs 20 years of experience in the field. **Faecal Sludge Management: Systems Approach for Implementation and Operation** addresses the organization of the entire faecal sludge management service chain, from the collection and transport of sludge, and the current state of knowledge of treatment options, to the final end use or disposal of treated sludge. The book also presents important factors to consider when evaluating and upscaling new treatment technology options. The book is designed for undergraduate and graduate students, and engineers and practitioners in the field who have some basic knowledge of environmental and/or wastewater engineering.

Disease Control Priorities, Third Edition (Volume 6)

HIV/AIDS, STIS, Tuberculosis, and Malaria

Disease Control Priorities **Infectious diseases are the leading cause of death globally, particularly among children and young adults. The spread of new pathogens and the threat of antimicrobial resistance pose particular challenges in combating these diseases. Major Infectious Diseases identifies feasible, cost-effective packages of interventions and strategies across delivery platforms to prevent and treat HIV/AIDS, other sexually transmitted infections, tuberculosis, malaria, adult febrile illness, viral hepatitis, and neglected tropical diseases. The volume emphasizes the need to effectively address emerging antimicrobial resistance, strengthen health systems, and increase access to care. The attainable goals are to reduce incidence, develop innovative approaches, and optimize existing tools in resource-constrained settings.**

Report of the Annual Meeting of the South African Association for the

Advancement of Science

Life Sciences, Grade 10

Study & Master Life Sciences Grade 10 has been especially developed by an experienced author team for the Curriculum and Assessment Policy Statement (CAPS). This new and easy-to-use course helps learners to master essential content and skills in Life Sciences. The comprehensive Learner's Book includes: * an expanded contents page indicating the CAPS coverage required for each strand * a mind map at the beginning of each module that gives an overview of the contents of that module * activities throughout that help develop learners' science knowledge and skills as well as Formal Assessment tasks to test their learning * a review at the end of each unit that provides for consolidation of learning * case studies that link science to real-life situations and present balanced views on sensitive issues. * 'information' boxes providing interesting additional information and 'Note' boxes that bring important information to the learner's attention

The impact of disasters and crises on agriculture and food security: 2021

Food & Agriculture Org. **On top of a decade of exacerbated disaster loss, exceptional global heat, retreating ice and rising sea levels, humanity and our food security face a range of new and unprecedented hazards, such as megafires, extreme weather events, desert locust swarms of magnitudes previously unseen, and the COVID-19 pandemic. Agriculture underpins the livelihoods of over 2.5 billion people - most of them in low-income developing countries - and remains a key driver of development. At no other point in history has agriculture been faced with such an array of familiar and unfamiliar risks, interacting in a hyperconnected world and a precipitously changing landscape. And agriculture continues to absorb a disproportionate share of the damage and loss wrought by disasters. Their growing frequency and intensity, along with the systemic nature of risk, are upending people's lives, devastating livelihoods, and jeopardizing our entire food system. This report makes a powerful case for investing in resilience and disaster risk reduction - especially data gathering and analysis for evidence informed action - to ensure agriculture's crucial role in achieving the future we want.**

Global Study on Homicide 2013

Trends, Contexts, Data

UN The Global Study on Homicide 2013 is based on comprehensive data from more than 200 countries/territories, and examines and analyses patterns and trends in homicide at the global, regional, national and sub-national levels. Such analysis is fundamental to understanding the various factors and dynamics that drive homicide, so that measures can be developed to reduce violent crime. The Study provides a typology of homicide, including homicide related to crime, coexistence-related homicide, and socio-political homicide. The nature of crime in several countries emerging from conflict, the role of various mechanisms in killing, and the response of the criminal justice system to homicide are also analyzed. A further chapter examines homicide at the sub-national level, and includes analysis at the city-level for selected global cities.

Outlook on Migration, Environment and Climate Change

This publication brings together in one easy-to-access reference document the knowledge accrued by the International Organization for Migration (IOM) and presents IOM's role, understanding and approach to environmental migration. This reference publication builds on IOM's expertise on the topic at the policy, research, international migration law, advocacy and operational levels

Design Activism

Beautiful Strangeness for a Sustainable World

Routledge Design academics and practitioners are facing a multiplicity of challenges in a dynamic, complex, world moving faster than the current design paradigm which is largely tied to the values and imperatives of commercial enterprise. Current education and practice need to evolve to ensure that the discipline of design meets sustainability drivers and equips students, teachers and professionals for the near-future. New approaches, methods and tools are urgently required as sustainability expands the context for design and what it means to be a 'designer'. Design activists, who comprise a diverse range of designers, teachers and other actors, are

setting new ambitions for design. They seek to fundamentally challenge how, where and when design can catalyse positive impacts to address sustainability. They are also challenging who can utilise the power of the design process. To date, examination of contemporary and emergent design activism is poorly represented in the literature. This book will provide a rigorous exploration of design activism that will re-vitalise the design debate and provide a solid platform for students, teachers, design professionals and other disciplines interested in transformative (design) activism. Design Activism provides a comprehensive study of contemporary and emergent design activism. This activism has a dual aim - to make positive impacts towards more sustainable ways of living and working; and to challenge and reinvigorate design praxis. It will collate, synthesise and analyse design activist approaches, processes, methods, tools and inspirational examples/outcomes from disparate sources and, in doing so, will create a specific canon of work to illuminate contemporary design discourse. Design Activism reveals the power of design for positive social and environmental change, design with a central activist role in the sustainability challenge. Inspired by past design activists and set against the context of global-local tensions, expressions of design activism are mapped. The nature of contemporary design activism is explored, from individual/collective action to the infrastructure that supports it generating powerful participatory design approaches, a diverse toolbox and inspirational outcomes. This is design as a political and social act, design to enable adaptive societal capacity for co-futuring.

Handbook of Test Development

Routledge The second edition of the Handbook of Test Development provides graduate students and professionals with an up-to-date, research-oriented guide to the latest developments in the field. Including thirty-two chapters by well-known scholars and practitioners, it is divided into five sections, covering the foundations of test development, content definition, item development, test design and form assembly, and the processes of test administration, documentation, and evaluation. Keenly aware of developments in the field since the publication of the first edition, including changes in technology, the evolution of psychometric theory, and the increased demands for effective tests via educational policy, the editors of this edition include new chapters on assessing noncognitive skills, measuring growth and learning progressions, automated item generation and test assembly, and computerized scoring of constructed responses. The volume also includes expanded coverage of performance testing, validity, fairness, and numerous other topics. Edited by Suzanne Lane, Mark R. Raymond, and Thomas M. Haladyna, *The Handbook of Test Development, 2nd edition*, is based on the revised Standards for Educational and Psychological Testing, and is appropriate for graduate courses and seminars that deal with test development and usage,

professional testing services and credentialing agencies, state and local boards of education, and academic libraries serving these groups.