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*Economics and Climate Emergency*  
CRC Press

This volume provides a textbook and reference work on the physical and biotic landscapes of Southern Africa. It examines

the links between these environments and the ways in which they have been, are and will likely be subject to change. It covers the geomorphology, soils, vegetation and land use across a range of landscapes, including mountains, coasts, savannah, drylands and wetlands, and identifies the impacts of current and potential climate change and other factors on these environments. The geographical

focus is on the region defined by Namibia, South Africa, Botswana, Mozambique, Zimbabwe, Lesotho and Swaziland. Illustrated throughout in full colour, the book will serve as a reference volume for researchers and environmental professionals internationally, as well as a textbook for senior undergraduate and graduate-level students of geography, ecology and environmental studies in Southern Africa.

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Handbook of Research on Connecting Research Methods for Information Science Research Böhlau Verlag Wien  
Providing in-depth coverage of each article of the Paris Agreement, this Commentary offers a comprehensive, legal analysis of this most recent and important international instrument on climate change. This provision-by-provision textual analysis examines the commitments that parties to the Agreement have made to undertake ambitious efforts to combat climate change and adapt to its effects, whilst providing additional support to developing countries.

A History of the Water Hyacinth in Africa  
Springer

Since the turn of the millennium, there has been a burgeoning interest in, and literature of, both landscape studies and food studies. Landscape describes places as relationships and processes. Landscapes create people's identities and guide their actions and their preferences, while at the same time are shaped by the actions and forces of people. Food, as currency, medium, and sustenance, is a fundamental part of those landscape

relationships. This volume brings together over fifty contributors from around the world in forty profoundly interdisciplinary chapters. Chapter authors represent an astonishing range of disciplines, from agronomy, anthropology, archaeology, conservation, countryside management, cultural studies, ecology, ethics, geography, heritage studies, landscape architecture, landscape management and planning, literature, urban design and architecture. Both food studies and landscape studies defy comprehension from the perspective of a single discipline, and thus such a range is both necessary and enriching. The Routledge Handbook of Landscape and Food is intended as a first port of call for scholars and researchers seeking to undertake new work at the many intersections of landscape and food. Each chapter provides an authoritative overview, a broad range of pertinent readings and references, and seeks to identify areas where new research is needed—though these may also be identified in the many fertile areas in which subjects and chapters overlap within the book.

*Climate Change and Cities* Academic Conferences and publishing limited  
Protected Area Governance and Management

presents a compendium of original text, case studies and examples from across the world, by drawing on the literature, and on the knowledge and experience of those involved in protected areas. The book synthesises current knowledge and cutting-edge thinking from the diverse branches of practice and learning relevant to protected area governance and management. It is intended as an investment in the skills and competencies of people and consequently, the effective governance and management of protected areas for which they are responsible, now and into the future. The global success of the protected area concept lies in its shared vision to protect natural and cultural heritage for the long term, and organisations such as International Union for the Conservation of Nature are a unifying force in this regard. Nonetheless, protected areas are a socio-political phenomenon and the ways that nations understand, govern and manage them is always open to contest and debate. The book aims to enlighten, educate and above all to challenge readers to think deeply about protected areas—their future and their past, as well as their present. The book has been compiled by 169 authors and deals with all aspects of protected area governance and management. It provides information to support capacity development training of protected area field officers, managers in charge and executive level managers.

*Reimagining Climate Change* Edward Elgar Publishing

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In *Challenging Inequality in South Africa: Transitional Compasses* leading scholars of South Africa explore creative possibilities to challenge structures of economic, social and political power that produce inequality. Through concrete empirical examples of movements, workers' struggles, initiatives, and politics in challenging inequality, the authors illustrate 'transitional compasses' that go beyond protest politics to a 'generative' politics, a politics of building the alternatives in the interstitial spaces of capitalism. The conceptual framing is oriented around the way in which power is produced and reproduced through intricate relationships between hegemonic projects and everyday life. While power underpins all social relations, it is often taken for granted, as it is frequently hidden behind other social relations. Resistance to power emerges through engendering counter-hegemonic projects that are intertwined with alternative everyday practices. The authors highlight sources of alternative forms of power found in resistance to dominant forms of power through concrete experiences to create transformative alternatives. To concretize the conceptual framing, the authors look at the emancipatory possibilities of a universal basic income, the use of law in tackling inequality in health and education, creative initiatives to

establish a people-centred food system through food sovereignty, new forms of organizing led by precarious workers, democratic possibilities in local state delivery, and attempts at reconceptualizing the good life by looking at issues of happiness and ecosocialism. The chapters in this book were originally published in the journal, *Globalizations*.

*Auerbach's Wilderness Medicine E-Book*  
Routledge

This book explores the formation of small and medium-sized construction company's (SME) compliance with health and safety issues in developing countries. Little has been written about the formation of SME contractors' health and safety compliance for developing countries, especially, in the sub-sahara regions where construction and infrastructure development activities have significantly increased in order to serve the development mandate of those countries. Thus, this book will provides insight into construction safety for SMEs, as well as health and safety compliance, and its policy implementation trends and development.

*Infrastructures for Peace in Sub-Saharan Africa*  
Routledge

Now in its 7th edition, *Auerbach's Wilderness Medicine* continues to help you quickly and decisively manage medical

emergencies encountered in any wilderness or other austere setting! World-renowned authority Dr. Paul Auerbach and 2 new associate editors have assembled a team of experts to offer proven, practical, visual guidance for effectively diagnosing and treating the full range of issues that can occur in situations where time and resources are scarce. This indispensable resource equips physicians, nurses, advanced practice providers, first responders, and rescuers with the essential knowledge and skills to effectively address and prevent injuries and illnesses – no matter where they happen! Face any medical challenge in the wilderness with expert guidance from hundreds of outstanding world experts edited by Dr. Auerbach and 2 new associate editors, Drs. Tracy Cushing and N. Stuart Harris. New and expanded chapters with hundreds of new photos and illustrative drawings help increase your visual understanding of the material. Acquire the knowledge and skills you need with revised chapters providing expanded discussions of high-altitude medicine, improvisation, technical rescue, telemedicine, ultrasound, and wilderness medicine education. Ten

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new chapters cover Acute High-Altitude Medicine and Pathophysiology; High Altitude and Pre-Existing Medical Conditions; Cycles, Snowmobiles, and other Wilderness Conveyances; Medical Wilderness Adventure Races (MedWAR); Canyoneering and Canyon Medicine; Evidence-Based Wilderness Medicine; National Park Service Medicine; Genomics and Personalized Wilderness Medicine; Forestry; and Earth Sciences.

Advances in Marine Biology Springer Nature

In today's globalized world, viable and reliable research is fundamental for the development of information. Innovative methods of research have begun to shed light on notable issues and concerns that affect the advancement of knowledge within information science. Building on previous literature and exploring these new research techniques are necessary to understand the future of information and knowledge. The Handbook of Research on Connecting Research Methods for Information Science Research is a collection of innovative research on the methods and application of study methods within library and information science. While highlighting topics including data management, philosophical foundations, and quantitative methodology, this book is ideally designed for librarians, information science professionals, policymakers, advanced-level students, researchers, and academicians seeking

current research on transformative methods of research within information science.

Úrsula Oswald Spring: Pioneer on Gender, Peace, Development, Environment, Food and Water  
Springer Nature

This edited volume brings together a broad range of international science education studies, focusing on the interplay of teaching and learning science. It recognizes the complexity present in today's education, associated with major science related issues faced by society, such as climate change, diseases and pandemics, global conflicts over energy, food and water. The studies discussed in this volume are focused on presenting different opportunities to teach these convoluted matters in order to find simplicity within the complexity and make it accessible to learners. They bring together the challenges of preparing the students of today to become scientifically informed citizens of tomorrow.

Pathologies of Climate Governance  
Elsevier Health Sciences

In this ground-breaking work, Teresa Thorp tackles the causes and effects of climate injustice by methodically mapping out an approach by which to reach a negotiated consensus with legal force to protect present and future generations. Using the law and policy of climate change as a vehicle for illustrating how to shape our future, she comprehensively overturns

the widely held contemporary view of climate justice as inconstant charitable acts, relative systemic notions and static concepts isolated from the common good and a congruent rule of law. Responding to the adverse impacts of climate change (heat waves, extended drought, severe flooding and desertification), which represent an urgent and potentially irreversible threat to human societies and the planet, requires a new and cohesive way of thinking about global policy and the law. The mission of guaranteeing and realising human dignity, human security and human rights is multi-fold. Looking through the lens of kaleidoscopic normativity, a nextensible language anchored in common juridical elements should facilitate how norms enter the socio-legal frame and interact within it. Users need to be able to display and interpret the congruent legal norm in order to obey and apply it. Galvanising this process by constitutionalising first principles and consequential norms is vital for attaining fraternity between nations and among all people. *Climate Justice – A Voice for the Future* is an essential read for scholars, practitioners and all those genuinely

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interested in reaching consensus on a post-2015 global climate accord, a unified development agenda and a cohesive pact for disaster-risk reduction.

Market Instruments and the Protection of Natural Resources Routledge

The Global Practice of Forensic Science presents histories, issues, patterns, and diversity in the applications of international forensic science. Written by 64 experienced and internationally recognized forensic scientists, the volume documents the practice of forensic science in 28 countries from Africa, the Americas, Asia, Australia and Europe. Each country's chapter explores factors of political history, academic linkages, the influence of individual cases, facility development, types of cases examined, integration within forensic science, recruitment, training, funding, certification, accreditation, quality control, technology, disaster preparedness, legal issues, research and future directions. Aimed at all scholars interested in international forensic science, the volume provides detail on the diverse fields within forensic science and their applications around the world.

The Global Practice of Forensic Science  
Lulu.com

Cultures of violence are characteristic of many countries in sub-Saharan Africa and attempts to move towards cultures of peace have often proved difficult and ineffectual. And yet, the wide variations in levels of violence within and between countries show that it is not inevitable; rather, it is the result of choices made at individual, community and societal levels. This book examines the potential of peace infrastructures as vehicles to strengthen and spread progress towards cultures of peace. Peace infrastructures vary hugely in sophistication and level. The examples examined in this book range from tiny structures which help resolve conflicts between individuals and within community organisations, peace committees which serve local communities, peace education and peace club programmes in schools, mediation mechanisms to prevent election violence and to ministries of peace to coordinate government and non-government efforts in peacemaking and peacebuilding. The overall finding is that the development of peace infrastructures at all levels has great potential to build cultures of peace. 1. It is the only book available which documents the experience and potential of nonviolence in post-independence sub-

Saharan Africa. 2. It makes a persuasive case for the development of various peace infrastructures in order to make peace sustainable. 3. It explains how strategic planning can be utilised, both to bring about change and to institutionalise it. Protected Area Governance and Management Bloomsbury Publishing  
Only through a concerted global effort can we protect our natural resources, save our precious natural environment, and indeed our future. But pressures on natural resources come from many directions such as overuse, mismanagement and contamination. This much-needed book reviews and evaluates the use of market and fiscal instruments in protecting our natural resources, from rural to marine environments. Market instruments that are designed to protect the global atmosphere are evaluated, along with carbon instruments and environmental tax incentives. Meanwhile, consideration is given to shifting the tax burden to achieve environmentally responsible outcomes, balancing sustainable use and natural resource protection, and protecting water resources.

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Southern African Landscapes and Environmental Change Routledge

Responding to climate change has become an industry. Governments, corporations, activist groups and others now devote billions of dollars to mitigation and adaptation, and their efforts represent one of the most significant policy measures ever dedicated to a global challenge. Despite its laudatory intent, the response industry, or 'Climate Inc.', is failing. Reimagining Climate Change questions established categories, routines, and practices that presently constitute accepted solutions to tackling climate change and offers alternative routes forward. It does so by unleashing the political imagination. The chapters grasp the larger arc of collective experience, interpret its meaning for the choices we face, and creatively visualize alternative trajectories that can help us cognitively and emotionally enter into alternative climate futures. They probe the meaning and effectiveness of climate protection 'from below' —forms of community and practice that are emerging in various locales around the world and that hold promise for greater collective resonance. They also question climate protection "from above" in the form of industrial and modernist orientations and examine large-scale

agribusinesses, as well as criticize the concept of resilience as it is presently being promoted as a response to climate change. This book will be of great interest to students and scholars of climate change, global environmental politics, and environmental studies in general, as well as climate change activists.

International Climate Negotiation Factors  
John Wiley & Sons

Advances in Marine Biology, Volume 80, the latest release in a series that has been providing in-depth and up-to-date reviews on all aspects of marine biology since 1963, updates on many topics that will appeal to postgraduates and researchers in marine biology, fisheries science, ecology, zoology and biological oceanography. Reviews articles on the latest advances in marine biology Authored by leading figures in their respective fields of study Presents materials that are widely used by managers, students and academic professionals in the marine sciences

The United States in a Warming World  
Springer

This book is about the history, present and future of one the most important policy ideas of the modern era – that there is a single, global dangerous amount of climate change. That dangerous amount of climate change is imagined as two degrees centigrade of global

warming above the pre-industrial average. Though the two degree idea is based on the value system of elite policy actors, it has been constructed in public discourses as scientific fact. This false representation of the concept undermines opportunities for positive public engagement with the climate policy debate, yet it is strong public engagement which is a recurring aspiration of climate policy discourses and is considered essential if climate mitigation strategies are to work. Alongside a critical analysis of how the idea of a single dangerous limit has shaped our understanding of what sort of problem climate change is, the book explains how the public have been kept out of that decision making process, the implications of this marginalisation for climate policy and why the dangerous limit idea is undermining our ability to mitigate climate change. The book concludes by exploring possibilities for a deliberation about the future of the two degree limit which allows for public participation in the decision making process. This book illustrates why, at this critical juncture in the climate policy debate, the two degree limit idea has failed to achieve any of the policy goals intended. This is the first book dedicated to questioning the issue of the two degree limit within a social science framework and should be of interest to students and scholars of

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environmental policy and politics, climate change communication, and science, technology and society studies.

Contractor Health and Safety Compliance for Small to Medium-Sized Construction Companies Routledge

This book outlines successful transformation strategies and efforts that have been developed to assist the South African higher education system in moving beyond its post-apartheid state of being. Through case studies authored by South African higher education scholars and scholars affiliated with South African institutions, this book aims to highlight the status of transformation in the South African higher education system; demonstrate the variety of transformation initiatives used in academic institutions across South Africa; and offer recommendations to further advance this transformation. Written for scholars and advanced students of higher education in international settings, this volume aims to support quality research that benefits the demographic composition of South African academics and students, and offers lessons that can inform higher education transformation in similarly multicultural societies.

Inclusive Science Communication in Theory and Practice Cambridge University Press  
The most important climate agreement in

history, the Paris Agreement on Climate Change represents the commitment of the nations of the world to address and curb climate change. Signed in December 2015, it entered into force on 4th November 2016. Countries are moving into implementation, and efforts at all levels will be needed to fulfill its ambitious goals. The Paris Climate Agreement: Commentary and Analysis combines a comprehensive legal appraisal and critique of the new Agreement with a practical and structured commentary to all its Articles. Part I discusses the general context for the Paris Agreement, detailing the scientific, political, and social drivers behind it, providing an overview of the pre-existing regime, and tracking the history of the negotiations. It examines the evolution of key concepts such as common but differentiated responsibilities, and analyses the legal form of the Agreement and the nature of its provisions. Part II comprises individual chapters on each Article of the Agreement, with detailed commentary of the provisions which highlights central aspects from the negotiating history and the legal nature of the obligations. It describes the institutional arrangements and considerations for national implementation, providing practical advice and prospects for future development. Part III reflects on the Paris Agreement as a whole: its

strengths and weaknesses, its potential for further development, and its relationship with other areas of public international law and governance. The book is an invaluable resource for academics and practitioners, policy makers, and actors in the private sector and civil society, as they negotiate the implementation of the Agreement in domestic law and policy.

Conservation and Development Frontiers Media SA

This book brings together authors from United States, South Africa, United Kingdom, China, Canada and Australia to provide insights and case studies from across a range of contexts to explore the interplay between the notions of rurality, innovation and education. The book reveals a hopeful and resilient approach to innovative rural education and scholarship collectively and provides important evidence to speak against an often deficit view of rural education. Three patterns are revealed, namely: the importance of place-attentive strategies, the importance of joined up alliances to maximise resources and networks and finally, the need to utilize alternative methodologies and frameworks that have a starting point of difference rather than deficit for any rural initiative or approach. By drawing from international examples and responding in innovative ways to rural education challenges, this book provides an opportunity to share international insights into innovations, interventions and partnerships that promote and support rural education in its

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broadest sense.

Springer

Conservation and development share an intertwined history dating back to at least the 1700s. But what are the prospects for reconciling the two, and how far have we come with this project? This book explores these questions through a detailed consideration of the past, present and future of the relationship between conservation and development. Bringing to bear conceptual resources from political ecology, social-ecological systems thinking and science and technology studies, Conservation and Development sets this relationship against the background of the political and economic processes implicated in environmental degradation and poverty alike. Whilst recognising that the need for reconciling conservation and development processes remains as compelling as ever, it demonstrates why trade-offs are more frequently encountered in practice than synergies. It also flags alternative visions for conservation and development obscured or ignored by current framings and priorities. Bringing together policy and theory, Conservation and Development is an

essential resource for undergraduate and postgraduate students and a useful reference for researchers in related fields. Each chapter contains a reading guide with discussion questions. The text is enlivened by a number of new case studies from around the world. A must-read for anyone interested in understanding the history, current state, and projections for future shifts in the relationship between conservation and development.