

Read Book Emergent Possibilities For Global Sustainability Intersections Of Race Class And Gender Routledge Advances In Climate Change Research

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This successful book has been completely revised and updated and is a comprehensive overview of the principles and practices of planning rural and urban environments. Introducing general ideas rather than specific practices, the book assumes little prior knowledge and includes concise introductions to the nature and purpose of town planning; wildlife and landscape protection; and pollution control. This edition pays particular attention to the scientific and social scientific background to environmental planning. Specific topics covered include: environmentally-sustainable agriculture; multi-purpose forestry; the management of designated areas; urban wildlife; land resource evaluation; and environmental impact assessment. The conclusion reviews methods for managing information and making decisions.

Emergency managers are faced with natural and human-made problems that are constantly evolving and changing the footprints of disaster. The complexity of these problems is more than matched by the complexity of the physical and social systems that emergency managers are expected to understand as they offer solutions for the recurring disaster problems that are

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presented to them in the normal course of their work.

The technical skills and capacities that emergency managers have developed over time as they have plied their trade are impressive and increasingly effective and have never been more important. But they are not nearly enough to keep pace with or manage hazard risks and disasters. Something else is needed. This transformation, the “something else” if you will, is a necessity to assure emergency managers that disasters (both natural and man-made) will never exceed our capacities to manage effectively. This transformation, which if successfully completed better enables whole communities to take responsibility for disasters, is needed to promote hazard resilience in particular and sustainable communities in general. There is a need for a worldview that comprehends the connections between hazard threats, disaster resilience, and sustainability. The purpose of this book is to define emergency management as a profession, something that has been discussed much in recent years but not brought to a satisfactory completion. The linkage of emergency management to sustainability, i.e. the defining of it as a sustainability profession, is presented as the necessary linkage that (potentially) orients all of the professional skill development and the work of the “trade” and transforms it into a profession.

The Routledge Handbook of Gender and Agriculture covers major theoretical issues as well as critical empirical shifts in gender and agriculture. Gender relations in agriculture are shifting in most regions of the world with changes in the structure of agriculture, the

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organization of production, international restructuring of value chains, climate change, the global pandemic, and national and multinational policy changes. This book provides a cutting-edge assessment of the field of gender and agriculture, with contributions from both leading scholars and up-and-coming academics as well as policymakers and practitioners. The handbook is organized into four parts: part 1, institutions, markets, and policies; part 2, land, labor, and agrarian transformations; part 3, knowledge, methods, and access to information; and part 4, farming people and identities. The last chapter is an epilogue from many of the contributors focusing on gender, agriculture, and shifting food systems during the coronavirus pandemic. The chapters address both historical subjects as well as ground-breaking work on gender and agriculture, which will help to chart the future of the field. The handbook has an international focus with contributions examining issues at both the global and local levels with contributors from across the world. With contributions from leading academics, policymakers, and practitioners, and with a global outlook, the Routledge Handbook of Gender and Agriculture is an essential reference volume for scholars, students, and practitioners interested in gender and agriculture.

Collaboration between experts and the public is vital for effective community engagement aimed at improving the lives of the most vulnerable in society, whether at the local or global level. Using case-based and theoretical chapters that examine rural and urban communities of practice, this volume illustrates how participatory

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researchers and students, as well as policy and community leaders, find ways to engage with the broader public when it comes to global sustainability research and practice.

Sustainable Design for the Built Environment marks the transition of sustainable design from a specialty service to the mainstream approach for creating a healthy and resilient built environment. This groundbreaking and transformative approach introduces sustainable design in a clear, concise, easy-to-read format. This book takes the reader deep into the foundations of sustainable design, and creates a holistic and integrative approach addressing the social, cultural, ecological, and aesthetic aspects in addition to the typical performance-driven goals. The first section of the book is themed around the origins, principles, and frameworks of sustainable design aimed at inspiring a deeper, broader, and more inclusive view of sustainability. The second section examines strategies such as biophilia and biomimicry, adaptation and resilience, health and well-being. The third section examines the application of sustainability principles from the global, urban, district, building, and human scale, illustrating how a systems thinking approach allows sustainable design to span the context of time, space, and varied perspectives. This textbook is intended to inspire a new vision for the future that unites human activity with natural processes to form a regenerative, coevolutionary model for sustainable design. By allowing the reader an insightful look into the history, motivations, and values of sustainable design, they begin to see sustainable design, not only as a way to deliver green

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buildings, but as a comprehensive and transformative meta-framework that is so needed in every sector of society. Supported by extensive online resources including videos and PowerPoints for each chapter, this book will be essential reading for students of sustainability and sustainable design.

In recent years there has been a growing interest in cognition within sociology and other social sciences. Within sociology this interest cuts across various topical subfields, including culture, social psychology, religion, race, and identity. Scholars within the new subfield of cognitive sociology, also referred to as the sociology of culture and cognition, are contributing to a rapidly developing body of work on how mental and social phenomena are interrelated and often interdependent. In *The Oxford Handbook of Cognitive Sociology*, Wayne H. Brekhus and Gabe Igantow have gathered some of the most influential scholars working in cognitive sociology to present an accessible introduction to key research areas in a diverse field. While classical sociological and newer interdisciplinary approaches have been covered separately by scholars in the past, this volume alternatively presents a broad range of cognitive sociological perspectives. The contributors discuss a range of approaches for theorizing and analyzing the "social mind," including macro-cultural approaches, interactionist approaches, and research that draws on Pierre Bourdieu's major concepts. Each chapter further investigates a variety of cognitive processes within these three approaches, such as attention and inattention, perception, automatic and deliberate cognition, cognition

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and social action, stereotypes, categorization, classification, judgment, symbolic boundaries, meaning-making, metaphor, embodied cognition, morality and religion, identity construction, time sequencing, and memory. A comprehensive look at cognitive sociology's main contributions and the central debates within the field, the Handbook will serve as a primary resource for social researchers, faculty, and students interested in how cognitive sociology can contribute to research within their substantive areas of focus.

This book offers a multi-disciplinary analysis of emerging technologies and their impact on the new international security environment across three levels of analysis.

While recent technological developments, such as Artificial Intelligence (AI), robotics and automation, have the potential to transform international relations in positive ways, they also pose challenges to peace and security and raise new ethical, legal and political questions about the use of power and the role of humans in war and conflict. This book makes a contribution to these debates by considering emerging technologies across three levels of analysis: (1) the international system (systemic level) including the balance of power; (2) the state and its role in international affairs and how these technologies are redefining and challenging the state's traditional roles; and (3) the relationship between the state and society, including how these technologies affect individuals and non-state actors. This provides specific insights at each of these levels and generates a better understanding of the connections between the international and the local when it comes to technological

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advance across time and space The chapters examine the implications of these technologies for the balance of power, examining the strategies of the US, Russia and China to harness AI, robotics and automation (and how their militaries and private corporations are responding); how smaller and less powerful states and non-state actors are adjusting; the political, ethical and legal implications of AI and automation; what these technologies mean for how war and power is understood and utilized in the 21st century; and how these technologies diffuse power away from the state to society, individuals and non-state actors. This volume will be of much interest to students of international security, science and technology studies, law, philosophy and International Relations.

At a time when environmental and social stakes are at their highest – with rising crises and contradictions at the nexus of a building sense of environmental and social collapse – there are no easy solutions. *Global Im-Possibilities* explores just what can be done around the world to ameliorate this dynamic. Using a range of essays and a multitude of case studies, this book explores what new lessons can be learned from examining the challenges and impediments to achieving just sustainabilities on the levels of policy, planning, and practice, and considers how these challenges and impediments can be addressed by individuals and/or governments. Taking a nuanced approach to provide an intersectional analysis of a particular issue relating to the ideals for achieving sustainability, this book asserts that that it is only in recognizing such complexity that we can

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hope to achieve just sustainabilities.

It must be acknowledged that any solutions to anthropogenic Global Climate Change (GCC) are interdependent and ultimately inseparable from both its causes and consequences. As a result, limited analyses must be abandoned in favour of intersectional theories and practices. *Emergent Possibilities for Global Sustainability* is an interdisciplinary collection which addresses global climate change and sustainability by engaging with the issues of race, gender, and class through an intersectional lens. The book challenges readers to foster new theoretical and practical linkages and to think beyond the traditional, and oftentimes reductionist, environmental science frame by examining issues within their turbulent political, cultural and personal landscapes. Through a variety of media and writing styles, this collection is unique in its presentation of a complex and integrated analysis of global climate change and its implications. Its companion book, *Systemic Crises of Global Climate Change*, addresses the social and ecological urgency surrounding climate change and the need to use intersectionality in both theory and practice. This book is a valuable resource for academics, researchers and both undergraduate and post-graduate students in the areas of Environmental Studies, Climate Change, Gender Studies and International studies as well as those seeking a more intersectional analysis of GCC.

Written by the co-founder and former board president of a non-profit shared-use commercial kitchen, *Understanding Just Sustainabilities from Within* presents

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an intersectional analysis of CLiCK (Commercially Licensed Co-operative Kitchen), in order to explore what just sustainabilities can look and feel like from within and without. Through a unique combination of auto ethnography, participant observation, surveys and secondary research, this book offers insights into CLiCK's micro and macro successes, failures, and unknowns in relation to its attempt to put the concept of just sustainabilities into daily practice, and praxis. Developing its practical analyses from a theoretical basis, this book does not focus on definitive answers, recognizing instead that the closest we can get to understanding just sustainabilities in praxis is through long-term collective struggle and ultimately love. Researchers and educators who are interested in linking theory with practice, especially in relation to just Sustainabilities and intersectionality, will appreciate the theoretical grounding, making it desirable for multiple social science classes. Additionally, those involved with the social justice, food justice and just sustainabilities movements will benefit from the book's insights into best practices to address issues of social inequalities on the micro level, while also offering the benefits of a macro intersectional analysis.

Sociological literature tends to view the social categories of race, class and gender as distinct and has avoided discussing how multiple intersections inform and contribute to experiences of injustice and inequity. This limited focus is clearly inadequate. Systemic Crises of Global Climate Change is an edited volume of 49 international, interdisciplinary contributions addressing

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global climate change (GCC) by intentionally engaging with the issues of race, gender, and class through an intersectional lens. The volume challenges and inspires readers to foster new theoretical and practical linkages and think beyond the traditional, and oftentimes reductionist, environmental science frame by examining issues within their turbulent political, cultural, and personal landscapes. Varied media and writing styles invite students and educators to reflexively engage different, yet complementary, approaches to GCC analysis and interpretation, mirroring the disparate voices and viewpoints within the field. The second volume, *Emergent Possibilities for Sustainability* will take a similar approach but will examine the possibilities for solutions, as in the quest for global sustainability. This book is a valuable resource for academics, researchers and both undergraduate and post-graduate students in the areas of Environmental Studies, Climate Change, Gender Studies and International studies as well as those seeking a more intersectional analysis of GCC. This book brings together scholars from a wide range of disciplines to creatively engage with place in the context of pedagogy. Beginning with an exploration of traditional place-based forms of education, such as outdoor education, travel courses, and courses on sustainability, the authors go on to expand our popular notions of place, including the classroom, the campus, our interior selves, and our digital ecosystems. This reconsideration of place-based education represents not only an engagement of prior literature on pedagogy and place, but also a re-imagining of the role that place might play

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in education. Authors stretch the notion of place, arguing for a holistic approach to disciplines in the humanities, social sciences, and natural sciences, bringing into focus an array of contentious issues in philosophies and methods of teaching for multiple academic disciplines and their many intersections.

In the tradition of Octavia Butler, here is radical self-help, society-help, and planet-help to shape the futures we want. Change is constant. The world, our bodies, and our minds are in a constant state of flux. They are a stream of ever-mutating, emergent patterns. Rather than steel ourselves against such change, Emergent Strategy teaches us to map and assess the swirling structures and to read them as they happen, all the better to shape that which ultimately shapes us, personally and politically. A resolutely materialist spirituality based equally on science and science fiction: a wild feminist and afro-futurist ride! adrienne maree brown, co-editor of Octavia's Brood: Science Fiction from Social Justice Movements, is a social justice facilitator, healer, and doula living in Detroit.

This first book to focus on cultural diversity as a key element of sustainable development in the context of science and engineering provides cross-disciplinary information and assistance in understanding our world in transition. As such, it furnishes the global scientific community and decision makers in governmental and non-governmental institutions as well as in industry with much-needed information on how the various factors affecting sustainable development -- including culture -- depend on and interfere with each other. Featuring a

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contribution by the President of the Club of Rome, HRH Prince El Hassan bin Talal, this is vital reading for all (natural) scientists, engineers, economists, ecologists, environmental organizations, and consultants.

- New York Times bestseller • The 100 most substantive solutions to reverse global warming, based on meticulous research by leading scientists and policymakers around the world “At this point in time, the Drawdown book is exactly what is needed; a credible, conservative solution-by-solution narrative that we can do it. Reading it is an effective inoculation against the widespread perception of doom that humanity cannot and will not solve the climate crisis. Reported by-effects include increased determination and a sense of grounded hope.” —Per Espen Stoknes, Author, *What We Think About When We Try Not To Think About Global Warming* “There’s been no real way for ordinary people to get an understanding of what they can do and what impact it can have. There remains no single, comprehensive, reliable compendium of carbon-reduction solutions across sectors. At least until now. . . . The public is hungry for this kind of practical wisdom.” —David Roberts, *Vox* “This is the ideal environmental sciences textbook—only it is too interesting and inspiring to be called a textbook.” —Peter Kareiva, Director of the Institute of the Environment and Sustainability, UCLA In the face of widespread fear and apathy, an international coalition of researchers, professionals, and scientists have come together to offer a set of realistic and bold solutions to climate change. One hundred techniques and practices are described here—some are well known;

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some you may have never heard of. They range from clean energy to educating girls in lower-income countries to land use practices that pull carbon out of the air. The solutions exist, are economically viable, and communities throughout the world are currently enacting them with skill and determination. If deployed collectively on a global scale over the next thirty years, they represent a credible path forward, not just to slow the earth's warming but to reach drawdown, that point in time when greenhouse gases in the atmosphere peak and begin to decline. These measures promise cascading benefits to human health, security, prosperity, and well-being—giving us every reason to see this planetary crisis as an opportunity to create a just and livable world.

A comprehensive overview of the interdisciplinary field of Women's and Gender Studies, featuring original contributions from leading experts from around the world. The Companion to Women's and Gender Studies is a comprehensive resource for students and scholars alike, exploring the central concepts, theories, themes, debates, and events in this dynamic field. Contributions from leading scholars and researchers cover a wide range of topics while providing diverse international, postcolonial, intersectional, and interdisciplinary insights. In-depth yet accessible chapters discuss the social construction and reproduction of gender and inequalities in various cultural, social-economic, and political contexts. Thematically-organized chapters explore the development of Women's and Gender Studies as an academic discipline, changes in the field, research

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directions, and significant scholarship in specific, interrelated disciplines such as science, health, psychology, and economics. Original essays offer fresh perspectives on the mechanisms by which gender intersects with other systems of power and privilege, the relation of androcentric approaches to science and gender bias in research, how feminist activists use media to challenge misrepresentations and inequalities, disparity between men and women in the labor market, how social movements continue to change Women's and Gender Studies, and more. Filling a significant gap in contemporary literature in the field, this volume: Features a broad interdisciplinary and international range of essays Engages with both individual and collective approaches to agency and resistance Addresses topics of intense current interest and debate such as transgender movements, gender-based violence, and gender discrimination policy Includes an overview of shifts in naming, theoretical approaches, and central topics in contemporary Women's and Gender Studies Companion to Women's and Gender Studies is an ideal text for instructors teaching courses in gender, sexuality, and feminist studies, or related disciplines such as psychology, history, education, political science, sociology, and cultural studies, as well as practitioners and policy makers working on issues related to gender and sexuality.

An Introduction to Sustainability provides students with a comprehensive overview of the key concepts and ideas which are encompassed within the growing field of sustainability. The book teases out the diverse but intersecting domains of

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sustainability and emphasises strategies for action. Aimed at those studying the subject for the first time, it is unique in giving students from different disciplinary backgrounds a coherent framework and set of core principles for applying broad sustainability principles within their personal and professional lives. These include: working to improve equality within and across generations, moving from consumerism to quality of life goals and respecting diversity in both nature and culture. Areas of emerging importance such as the economics of happiness and wellbeing stand alongside core topics including: Energy and society Consumption and consumerism Risk and resilience Waste, water and land. Key challenges and applications are explored through international case studies and each chapter includes a thematic essay drawing on diverse literature to provide an integrated introduction to fundamental issues. Launched with the brand-new Routledge Sustainability Hub, the book's companion website contains a range of features to engage students with the interdisciplinary nature of Sustainability. Together these resources provide a wealth of material for learning, teaching and researching the topic of sustainability. This textbook is an essential companion to any sustainability course.

Contributions to Law, Philosophy and Ecology: Exploring Re-Embodiments is a preliminary contribution to the establishment of re-embodiments as a theoretical strand within legal and ecological theory, and philosophy. Re-embodiments are all those contemporary practices and processes that exceed the epistemic horizon of modernity. As such, they offer a plurality of alternative modes of theory and practice that seek to counteract the ecocidal tendencies of the Anthropocene. The collection comprises eleven contributions approaching re-embodiments from a multiplicity of fields, including legal theory, eco-philosophy, eco-feminism and anthropology. The contributions are organized into three

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parts: 'Beyond Modernity', 'The Sacred Dimension' and 'The Legal Dimension'. The collection is opened by a comprehensive introduction that situates re-embodiments in theoretical context. Whilst closely bound with embodiment and new materialist theory, this book contributes a unique voice that echoes diverse political processes contemporaneous to our times. Written in an elegant and accessible language, the book will appeal to undergraduates, postgraduates and established scholars alike seeking to understand and take re-embodiments further, both politically and theoretically.

This volume presents new theoretical approaches, methodologies, subject pools, and topics in the field of environmental anthropology. Environmental anthropologists are increasingly focusing on self-reflection - not just on themselves and their impacts on environmental research, but also on the reflexive qualities of their subjects, and the extent to which these individuals are questioning their own environmental behavior. Here, contributors confront the very notion of "natural resources" in granting non-human species their subjectivity and arguing for deeper understanding of "nature," and "wilderness" beyond the label of "ecosystem services." By engaging in interdisciplinary efforts, these anthropologists present new ways for their colleagues, subjects, peers and communities to understand the causes of, and alternatives to environmental destruction. This book demonstrates that environmental anthropology has moved beyond the construction of rural, small group theory, entering into a mode of solution-based methodologies and interdisciplinary theories for understanding human-environmental interactions. It is focused on post-rural existence, health and environmental risk assessment, on the realm of alternative actions, and emphasizes the necessary steps towards preventing environmental crisis.

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In recent decades, the various strands of the food movement have made enormous strides in calling attention the many shortcomings and injustices of our food and agricultural system. Farmers, activists, scholars, and everyday citizens have also worked creatively to rebuild local food economies, advocate for food justice, and promote more sustainable, agroecological farming practices. However, the movement for fairer, healthier, and more autonomous food is continually blocked by one obstacle: land access. As long as land remains unaffordable and inaccessible to most people, we cannot truly transform the food system. The term land-grabbing is most commonly used to refer to the large-scale acquisition of agricultural land in Asian, African, or Latin American countries by foreign investors. However, land has and continues to be “grabbed” in North America, as well, through discrimination, real estate speculation, gentrification, financialization, extractive energy production, and tourism. This edited volume, with chapters from a wide range of activists and scholars, explores the history of land theft, dispossession, and consolidation in the United States. It also looks at alternative ways forward toward democratized, land justice, based on redistributive policies and cooperative ownership models. With prefaces from leaders in the food justice and family farming movements, the book opens with a look at the legacies of white-settler colonialism in the southwestern United States. From there, it moves into a collectively-authored section on Black Agrarianism, which details the long history of land dispossession among Black farmers in the southeastern US, as well as the creative acts of resistance they have used to acquire land and collectively farm it. The next section, on gender, explores structural and cultural discrimination against women landowners in the Midwest and also role of “womanism” in land-based struggles. Next, a section on the cross-border implications of

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land enclosures and consolidations includes a consideration of what land justice could mean for farm workers in the US, followed by an essay on the challenges facing young and aspiring farmers. Finally, the book explores the urban dimensions of land justice and their implications for locally-autonomous food systems, and lessons from previous struggles for democratized land access. Ultimately, the book makes the case that to move forward to a more equitable, just, sustainable, and sovereign agriculture system, the various strands of the food movement must come together for land justice.

With the acceptance of CSR and Sustainability as important business performance indicators, it is timely now to assess the impact that leadership has on the development of these processes. CSR, Sustainability, and Leadership seeks to explore the integration of these three elements through an examination of concerns and trends in contemporary organisations. The authors discuss empirical and theoretical studies which focus on processes and practices which inform the field. Organisations wish not only to participate in responsible behaviour, but also actively lead within their local environments. However, businesses are failing in their execution of CSR because of ineffective leadership. Business leaders are central to an organisation's purpose in the world and this book will inform a robust discussion about social issues which are pressing to scholars, policymakers, not-for-profit organisations and students.

This volume offers a critical, cross-disciplinary, and international overview of emerging scholarship addressing the dynamic relationship between race and markets. Chapters are engaging and accessible, with timely and thought-provoking insights that different audiences can engage with and learn from. Each chapter provides a unique journey into a specific marketplace setting and its sociopolitical

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particularities including, among others, corner stores in the United States, whitening cream in Nigeria and India, video blogs in Great Britain, and hospitals in France. By providing a cohesive collection of cutting-edge work, *Race in the Marketplace* contributes to the creation of a robust stream of research that directly informs critical scholarship, business practices, activism, and public policy in promoting racial equity.

A Futurist's Guide to Emergency Management provides interdisciplinary analysis on how particular sets of conditions may occur in the future by evaluating global trends, possible scenarios, emerging conditions, and various other elements of risk management. Firmly based in science, the book leverages historical data, current best practices, and science. *The Oxford Handbook of Energy and Society* presents an overview of this expanding area that has evolved dramatically over the past decade, away from one largely dominated by structural, political economic treatments on the one hand, and social-psychological studies of individual-level attitudes and behaviors on the other, toward a far more conceptually and methodologically rich and exciting field that brings in, for example, social practices, system complexity, risk theory, social studies of science, and social movements theories.

This volume seeks to capture the variety of scales and methods, and range of both conceptual and empirical analyses that define the field, while drawing particular attention to indigenous peoples, poverty, political power, communities and cities. Organized into seven sections, chapters cover social theory and energy-society relations, political-economic perspectives, consumption dynamics, energy equity and energy poverty, energy and publics, energy and governance, as well as emerging trends.

An unusual visitor teaches a young college student a

radical new sustainability paradigm in this lighthearted fable. From the smallest to the largest living systems, from cells and bacteria to the human body to ecosystems to the planet as a whole, readers will learn how it is all connected. For students of sustainability of all ages looking to envision a new Big Picture, *The Life World* explores very different assumptions about how evolution works in living systems. Just Three Principles of Life are used to accomplish this both simple and yet most challenging paradigm change. Not satisfied with outlining this new philosophy alone, the author tackles its application to the Florida Everglades, global warming, pollution, and human health. Prepare to be surprised. Prepare to see the world differently. Begin the work of true sustainability as a "W'ecologist."

In a world of earthquakes, tsunamis, and terrorist attacks, emergency response plans are crucial to solving problems, overcoming challenges, and restoring and improving communities that have been affected by these catastrophic events. Although the necessity for quick and efficient aid is understood, researchers and professionals continue to strive for the best practices and methodologies to properly handle such significant events. *Emergency and Disaster Management: Concepts, Methodologies, Tools, and Applications* is an innovative reference source for the latest research on the theoretical and

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practical components of initiating crisis management and emergency response. Highlighting a range of topics such as preparedness and assessment, aid and relief, and the integration of smart technologies, this multi-volume book is designed for emergency professionals, policy makers, practitioners, academicians, and researchers interested in all aspects of disaster, crisis, and emergency studies. The twentieth century witnessed an era of unprecedented, large-scale, anthropogenic changes to the natural environment. Understanding how environmental factors directly and indirectly affect the emergence and spread of infectious disease has assumed global importance for life on this planet. While the causal links between environmental change and disease emergence are complex, progress in understanding these links, as well as how their impacts may vary across space and time, will require transdisciplinary, transnational, collaborative research. This research may draw upon the expertise, tools, and approaches from a variety of disciplines. Such research may inform improvements in global readiness and capacity for surveillance, detection, and response to emerging microbial threats to plant, animal, and human health. The Influence of Global Environmental Change on Infectious Disease Dynamics is the summary of a workshop hosted by the Institute of Medicine Forum on Microbial Threats in September 2013 to explore

the scientific and policy implications of the impacts of global environmental change on infectious disease emergence, establishment, and spread. This report examines the observed and potential influence of environmental factors, acting both individually and in synergy, on infectious disease dynamics. The report considers a range of approaches to improve global readiness and capacity for surveillance, detection, and response to emerging microbial threats to plant, animal, and human health in the face of ongoing global environmental change.

This Element focuses on Latin American fossil fuel producer countries and how they are dealing with the transition towards a greener energy matrix. The challenges involved are multiple and ethical in substance. In particular, a worldwide expansion in clean energies would reduce climate change, physical risks. A rapid transition, however, induces the irruption of a new (financial) risk. The energy transition, in addition, could be thought of as a new arena for political disputes. Finally, it evaluates the relevance of monetary policy and financial regulation to tackle the issue from a macro perspective. Energy transition, however, have also long-term but uncertain consequences on the national economy. Henceforth, and in order to minimize risks, a long-term, strategic vision of the challenge confronted by the region becomes mandatory. To tackle all these problems, this Element profits from contributions of

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different disciplines.

The fully updated and revised fifth edition of this widely-used text provides a comprehensive survey of leading perspectives in the field. Updated throughout to take account of major events and developments, such as the Arab Spring, it also includes new material on neo-realism and neo-liberalism, postcolonialism and cosmopolitanism.

In *Mindful Movement*, exercise physiologist, somatic therapist, dance educator and advocate Martha Eddy uses original interviews, case studies and practice-led research to define the origins of a new holistic field – somatic movement education and therapy – and its impact on fitness, ecology, politics, health, education and performance. The book reveals the role dance has played in informing and inspiring the historical and cultural narrative of somatic arts – approaches to consciousness based in the awareness of the soma, the living body.

Providing an overview of the antecedents and recent advances in somatic study and with contributions by diverse experts, Eddy highlights the role of Asian movement, the European physical culture movement as well as the language of neuroscience and their relationship to the performing arts, and female perspectives in developing somatic movement, somatic dance, social somatics, somatic fitness, somatic dance and spirituality, and ecosomatics. *Mindful Movement* unpacks and helps to popularize

awareness of both the body and the mind.

Changing relations between science and democracy – and controversies over issues such as climate change, energy transitions, genetically modified organisms and smart technologies – have led to a rapid rise in new forms of public participation and citizen engagement. While most existing approaches adopt fixed meanings of ‘participation’ and are consumed by questions of method or critiquing the possible limits of democratic engagement, this book offers new insights that rethink public engagements with science, innovation and environmental issues as diverse, emergent and in the making. Bringing together leading scholars on science and democracy, working between science and technology studies, political theory, geography, sociology and anthropology, the volume develops relational and co-productionist approaches to studying and intervening in spaces of participation. New empirical insights into the making, construction, circulation and effects of participation across cultures are illustrated through examples ranging from climate change and energy to nanotechnology and mundane technologies, from institutionalised deliberative processes to citizen-led innovation and activism, and from the global north to global south. This new way of seeing participation in science and democracy opens up alternative paths for reconfiguring and remaking participation in more

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experimental, reflexive, anticipatory and responsible ways. This ground-breaking book is essential reading for scholars and students of participation across the critical social sciences and beyond, as well as those seeking to build more transformative participatory practices.

Outlining a robust strategy for sustainable city-regions that has emerged from over two-and-a-half decades of theoretical and practical work, 'The City as Fulcrum of Global Sustainability' cuts through the received wisdom and popular misunderstanding surrounding sustainability to demonstrate how global problems can best be addressed at the local-regional scale. Featuring an array of case studies – focusing on both strong and weak examples of sustainable cities – the text delivers a bold message to the urban planners of tomorrow: only the road less traveled holds real promise of creating sustainable city-regions, with this journey requiring the balanced guidance of ecological and technological conviviality. Bringing together the voices of leading and emerging scholars, this volume highlights the many facets of Black girls' literacies. As a comprehensive survey of the research, theories, and practices that highlight the literacies of Black girls and women in diverse spaces, the text addresses how sustaining and advancing their literacy achievement in and outside the classroom traverses the multiple dimensions of writing, comprehending literature, digital media, and

community engagement. The Black Girls' Literacies Framework lays a foundation for the understanding of Black girl epistemologies as multi-layered, nuanced, and complex. The authors in this volume draw on their collective yet individual experiences as Black women scholars and teacher educators to share ways to transform the identity development of Black girls within and beyond official school contexts. Addressing historical and contemporary issues within the broader context of inclusive education, chapters highlight empowering pedagogies and practices. In between chapters, the book features four "Kitchen Table Talk" conversations among contributors and leading Black women scholars, representing the rich history of spaces where Black women come together to share experiences and assert their voices. A crucial resource for educators, researchers, professors, and graduate students in language and literacy education, this book offers readers a fuller vision of the roles of literacy and English educators in the work to undo educational wrongs against Black girls and women and to create inclusive spaces that acknowledge the legitimacy and value of Black girls' literacies.

Climate change presents perhaps the most profound challenge ever confronted by human society. This volume is a definitive analysis drawing on the best thinking on questions of how climate change affects human systems, and how societies can, do, and

should respond. Key topics covered include the history of the issues, social and political reception of climate science, the denial of that science by individuals and organized interests, the nature of the social disruptions caused by climate change, the economics of those disruptions and possible responses to them, questions of human security and social justice, obligations to future generations, policy instruments for reducing greenhouse gas emissions, and governance at local, regional, national, international, and global levels.

The Routledge Handbook of Disaster Risk Reduction Including Climate Change Adaptation aims to provide an overview and critique of the current state of knowledge, policy, and practice, encouraging engagement, and reflection on bringing the two sectors together. This long-awaited and welcomed volume makes a compelling case that a common research agenda and a series of practical policies and policy recommendations can and should be put in place. Over 40 contributions explore DRR including CCA in five parts. The first part presents and interrogates much of the typical vocabulary seen in DRR including CCA, not only pointing out the useful and not-so-useful dimensions, but also providing alternatives and positive examples. The second part explains how to move forward creating and supporting positive crossovers and connections, while the third one explores some aspects of multi-

dimensional approaches to knowing and understanding. The fourth part argues for a balanced approach to governance, taking both governmental and non-governmental governance, as well as different scales of governance, into consideration. The final part of the Handbook emphasises DRR including CCA as an investment, rather than a cost, and connects its further implementation with livelihoods of people around the world. This handbook highlights the connections amongst the processes of dealing with disasters and dealing with climate change. It demonstrates how little climate change brings which is new and emphasises the strengths of placing climate change within wider contexts in order to draw on all our strengths while overcoming limitations with specialities. It will prove to be a valuable guide for graduate and advanced undergraduate students, academics, policy makers, and practitioners with an interest in disaster risk reduction and climate change.

In a world of earthquakes, tsunamis, and hurricanes, it is evident that emergency response plans are crucial to solve problems, overcome challenges, and restore and improve communities affected by such negative events. Although the necessity for quick and efficient aid is understood, researchers and professionals continue to strive for the best practices and methodologies to properly handle these significant events. The Handbook of Research on

Environmental Policies for Emergency Management and Public Safety is a pivotal reference source for the latest research findings on the examination of environmental policies and its interface with management and public safety from various country's perspectives, its local impacts and global lessons. Featuring extensive coverage on relevant areas, such as public-private partnership, disaster management, and natural resource management, this publication is an ideal resource for academicians, practitioners, and researchers interested in understanding the effects of environmental policies on emergency management. The Global Financial Crisis of 2007-2009 has highlighted the resilience of the financial markets and economies from the developing world. This title investigates and assesses the impact and response to the crisis from an emerging markets perspective including asset pricing, contagion, financial intermediation, market structure and regulation. Unprecedented levels of wealth, technology and institutional capacity can forge a just, peaceful and ecologically resilient future. However, the authors argue, social polarization, geo-political conflict and environmental degradation are threatening the long-term well-being of humanity and the planet. Global Sustainability explores the alternative futures that could emerge from the resolution of these antagonisms. Based on extensive international and

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interdisciplinary research, the book identifies the perils of market-driven scenarios and considers the possibility of the failure of conventional approaches. It also, however, presents a vision of the possibility of a 'Great Transition' in which revised human values and development goals bring a new stage of civilization. It will be essential reading for all scholars and professionals interested in the future of the environment, international affairs, and sustainable development.

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