

Birth of Scientific Ecology: Eugenius Warming (1841 – 1924)



v pevné vazbě, 352 stran
vyd. ISTE Ltd and John Wiley, III/2024
ISBN 9781786309297

katalog.cena 3.900 Kč
v této nabídce **2.900 Kč**

This book presents a biography of the Danish botanist Eugen Warming. As the author of a treatise on ecology that brought him international recognition, he was able to inspire the first generation of 20th-century European and American ecologists. His innovative approach to nature and his Arctic and tropical missions heralded the birth of a new science and an ecological awareness.

As a professor at several Scandinavian universities during a period of intense debate and controversy over evolutionary theories, Eugen Warming vigorously asserted his convictions. Birth of Scientific Ecology presents the image of a man of knowledge and power, recognized by his contemporaries as a founder of ecology and a player in the ecological project of the Kingdom of Denmark at a time when the empires were clashing.

Climate Change as Political Catastrophe



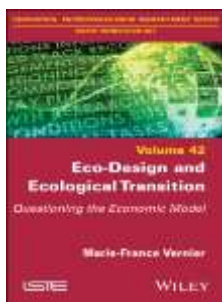
v pevné vazbě, 160 stran
vyd. Oxford University Press, II/2024
ISBN 9780192868879

katalog. cena 2.250 Kč
v této nabídce **1.680 Kč**

There is now clear scientific consensus that, without immediate and decisive action, the world risks climate catastrophe. This has fueled climate emergency declarations among activist groups and, increasingly, among local, state, and supranational governments. But what exactly counts as a "climate catastrophe" and what does catastrophic climate change portend for contemporary societies? This book argues that climate change is politically catastrophic insofar as it threatens to undermine the material conditions that make justice - and by extension stable democratic government - possible.

It then uses the lens of catastrophe to bring into focus pressing questions concerning how to navigate trade-offs between fairness and precautionary efficacy in the design of climate policy, the permissibility of authoritarian climate emergency powers, and the nature and role of climate disobedience. Apart perhaps from the spectre of nuclear annihilation, human civilization has never had to reckon with a threat so final and encompassing as that of climate catastrophe. Much as some have argued that "supreme necessity" alters the contours of what is permissible in war, this book starts from the premise that the credible threat of politically catastrophic climate change upends many of the most basic and widely shared assumptions in liberal and democratic thought.

Eco-Design and Ecological Transition



v pevné vazbě, 208 stran
vyd. ISTE Ltd and John Wiley, III/2024
ISBN 9781786308047

katalog.cena 3.900 Kč
v této nabídce **2.900 Kč**

Successive IPCC reports consistently stress the devastating impact of human activity on the climate. An ecological transition seems essential to modify our economic and social system, while meeting the needs of current and future generations. As the main culprits of environmental destruction, companies must modify their production methods to reduce their negative impact on the environment.

Eco Design and Ecological Transition presents an innovative approach to eco design, a method that aims to offer products or services with a reduced environmental impact compared to conventional production methods, from the extraction of resources to the end of the product's life. The book also analyzes the potential of the circular economy and frugal innovation. It shows that innovation, to be sustainable, must be both environmentally and socially sustainable.

From a systemic point of view, it examines the ability of players, particularly companies, to change their strategies in order to combine human well-being and respect for the environment in the context of ecological transition.

Ecology and Ecosystems Analysis



v pevné vazbě, 284 stran
vyd. Springer, XI/2023
ISBN 9783031452581

katalog.cena 2.150 Kč
v této nabídce **1.500 Kč**

The goal of this book is to convey the rich perspectives, principles, and enchantment of ecology to a broad audience of students and lifelong learners. The book is based on the belief that the science of ecology is best understood by examining familiar ecosystems from the natural world and weaving fresh insights and ecological concepts into an ecosystems framework to reveal the patterns, processes, and interactions that are the foundation of sustainable living systems in our biosphere. In the spirit of that teaching philosophy, the core of this book focuses on specific ecosystems that are familiar to most of us (e.g., forests, wetlands, streams, lakes, and the like).

Taken as a whole, the chapters of this text are intended to provide a conceptual framework and an intellectual pathway for understanding and interpreting the ecology of the biosphere using elements of population, community, ecosystem, and landscape ecology. Equipped with this toolkit of ecological literacy, readers and students will hopefully be better prepared to make personal, business, and civic or governmental decisions that are consistent with a healthy and sustainable Earth.

Effects of Climate Change on Insects



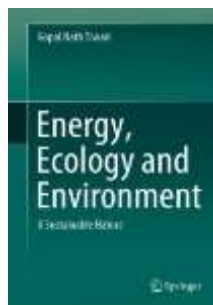
v pevné vazbě, 400 stran
vyd. Oxford University Press, III/2024
ISBN 9780192864161

katalog.cena 2.800 Kč
v této nabídce **2.100 Kč**

Anthropogenic climate change is the defining environmental challenge of this century, posing an existential threat not only to humans but also to the vast array of plants and animals that inhabit our planet. Among these, insects reign as the largest and most diverse group of organisms, playing critical roles in nutrient cycling, pollination, seed dispersal, and population control of other species. Additionally, they serve as a vital food source for various taxa and act as vectors for numerous human diseases.

This comprehensive but accessible text delves into the intricate world of these remarkable creatures, with a focus extending beyond economically or medically significant species to encompass non-model organisms. In so doing, it uncovers valuable insights into the implications posed by climate change on global insect populations. The book reviews the conceptual approaches and most significant advances in our current understanding of insect physiology, genetics, ecology, evolution, and conservation within the ongoing and rapidly developing context of global anthropogenic climate change.

Energy, Ecology and Environment: Sustainable Nature



v pevné vazbě, 230 stran
vyd. Springer, IV/2024
ISBN 9789819939961

katalog.cena 4.300 Kč
v této nabídce **3.000 Kč**

This book covers topics related to climate change, weather, greenhouse effect, solar energy, various cycles including carbon, hydraulic, sulphur, renewable energy conservation, ecology and sustainable environment. The contents of the book include pedagogical elements, such as exercises, tables and figures at appropriate places in each chapter, including problems and objective questions at end of each chapter, to aid in learning. Further, the unit conversion from FPS system to SI unit of each parameter, namely length, energy, power, velocity and pressure force, etc, and some standard constants used in examples are also provided in the book.

The book also includes discussion about renewable energy sources, namely solar energy, wind energy, biomass energy and geothermal energy, etc, their availability and eco-friendly nature. This book can be a useful reference for those in academia and industry.

Environmental Science



v měkké vazbě, 576 stran
vyd. Cengage Learning, III/2024
ISBN 9780357976319

katalog.cena 3.400 Kč
v této nabídce **2.500 Kč**

Discover Miller/Spoolman/Andrews-Brown's ENVIRONMENTAL SCIENCE, 17th Ed., and get inspired to care for the planet. Written in collaboration with National Geographic Learning, this edition equips you with the tools and knowledge to make a difference in today's environmental issues. Explore exclusive content featuring the important work of diverse National Geographic explorers and scientists, with vivid photos, maps and illustrations that are sure to bring course concepts to life.

Focus on sustainability as you explore topics like natural capital, solutions, trade-offs and individual choices. Learn about nature, your role in it and how humanity can sustain its relationship with Earth. Be inspired to apply your knowledge and make a positive impact on the environment.

Freshwater and Marine Ecology



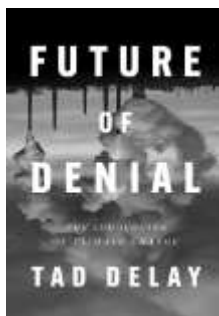
v pevné vazbě, 435 stran
vyd. Springer, II/2024
ISBN 9783031424588

katalog.cena 2.530 Kč
v této nabídce **1.770 Kč**

Freshwater and Marine Ecology is an introduction to the field of aquatic ecology, integrating the conceptually and methodologically widely overlapping fields of limnology and biological oceanography. It is structured like most textbooks of general ecology, leading from more elemental entities (individuals having to cope with their environment) to increasingly overarching entities, from populations over communities and ecosystems to the biogeochemistry of the entire planet and, finally, an overview over the major human impacts on the aquatic components of the earth system. The book provides examples for all major theoretical concepts of general ecology while the usual ecology textbooks have a strong terrestrial bias and rely only on few aquatic examples.

This book takes the contrasting approach, motivated by the fact that life originated from aquatic systems and that surface waters cover more than 70% of the Earth's surface. The choice of studies used as examples in Freshwater and Marine Ecology provides a balanced mix of freshwater and marine studies, of field observations, experimental and modeling studies. The readers are confronted with very recent work leading to the forefront of contemporaneous research but also with classic studies which laid the foundations of theory development in the field. Freshwater and Marine Ecology is a comprehensive text ideally serving for undergraduate courses in biological oceanography, limnology, and ecology, but also for advanced students, teachers and scientists who had limited exposure to aquatic sciences and/or ecology during their studies.

Future of Denial: Ideologies of Climate Change



v pevné vazbě, 304 stran
vyd. Verso Books, IV/2024
ISBN 9781839765438

katalog.cena 590 Kč
v této nabídce **440 Kč**

The age of denial is over, we are told. Yet emissions continue to rise while gimmicks, graft, and green-washing distract the public from the climate violence suffered by the vulnerable. This timely, interdisciplinary contribution to the environmental humanities draws on the latest climatology, the first shoots of an energy transition, critical theory, Earth's paleoclimate history, and trends in border violence to answer the most pressing question of our age: Why do we continue to squander the short time we have left? The symptoms suggest society's inability to adjust is profound.

Near Portland, militias incapable of accepting that the world is warming respond to a wildfire by hunting for imaginary left-wing arsonists. Europe erects nets in the Aegean Sea to capture migrants fleeing drought and war. An airline claims to be carbon neutral thanks to bogus cheap offsets.

Drone strikes hit people living along the aridity line. Yes, Exxon knew as early as the 1970s, but the fundamental physics of carbon dioxide warming the Earth was already understood before the American Civil War. Will capitalists ever voluntarily walk away from hundreds of trillions of dollars in fossil fuels unless they are forced to do so? And, if not, who will apply the necessary pressure?

Human Behavioral Ecology



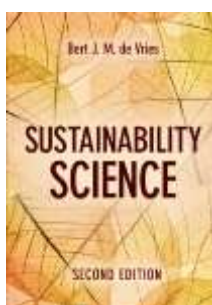
v měkké vazbě, 534 stran
vyd. Cambridge University Press, III/2024
ISBN 9781108434348

katalog.cena 1.480 Kč
v této nabídce **1.090 Kč**

Human behavioral ecology (HBE) applies the principles of evolutionary theory and optimisation to the study of human behavioural and cultural diversity. Among other things, HBE attempts to explain variation in behaviour as adaptive solutions to the competing life-history demands of growth, development, reproduction, parental care, and mate acquisition. This book is a comprehensive introduction to the theoretical orientation and specific findings of HBE.

It consolidates the insights of evolution and human behaviour into a single volume that reflects the current state and future of the field. It brings together leading scholars from across the evolutionary social sciences to provide a comprehensive and thought-provoking review of the state of the topic. Throughout, the authors explain the latest developments in theory and highlight critical debates in the literature, while also engaging readers with ethnographic insights and field-based studies that remain at the core of human behavioral ecology.

Sustainability Science



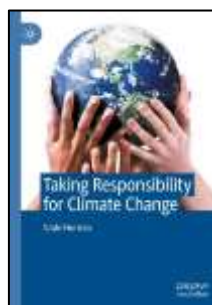
v měkké vazbě, 663 stran
vyd. Cambridge University Press,
XII/2023
ISBN 9781009300216

katalog.cena 1.480 Kč
v této nabídce **1.100 Kč**

The fully updated second edition of this innovative textbook provides a system analysis approach to sustainability for advanced undergraduate and graduate students. To an extent unparalleled in other textbooks, the latest scientific data and insights are integrated into a broad and deep transdisciplinary framework. Readers are encouraged to explore and engage with sustainability issues through the lenses of a cultural and methodological pluralism which promotes dialogue and alliances in the search for a (more) sustainable future. Ideal for students and their teachers in sustainable development, environmental science and policy, ecology, conservation, natural resources and geopolitics, the book will also appeal to interested citizens, activists, and policymakers, exposing them to the variety of perspectives on sustainability issues.

Review questions and exercises provide the opportunity for consolidation and reflection. Online resources include appendices with more advanced mathematical material, model answers, and a wealth of recommended additional sources.

Taking Responsibility for Climate Change



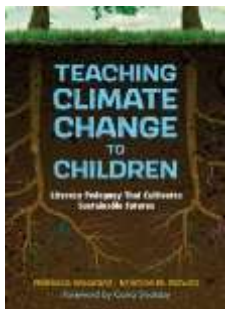
v pevné vazbě, 150 stran
vyd. Palgrave Macmillan, II/2024
ISBN 9783031517525

katalog.cena 2.780 Kč
v této nabídce **1.940 Kč**

This book proposes that it is not only states and international bodies that have a responsibility to take action toward mitigating climate change. Other collective agents, such as corporations, need to also come onboard. Additionally, the book argues that climate change is not solely a problem for collective agents, but also for individuals, as they are members of collectives and groups of several kinds.

Therefore, framing climate change responsibility exclusively from either the collective or the individual perspective leaves out something crucial: how we all are influenced by the collectives we belong to and how, in turn, collectives are influenced by individuals. The focus of the book is on areas of climate change responsibility that are often left out of the picture or get too little attention in climate ethics, such as carbon inequality within countries. But why should any theoretical arguments about normative issues matter when we have a real-life climate crisis on our hands? Sæde Hormio argues that ethical arguments have an important role in setting climate policy: they can highlight what values are at stake and help ground normative arguments in public deliberations.

Teaching Climate Change to Children



v měkké vazbě, 176 stran
vyd. Teachers' College Press, III/2024
ISBN 9780807769782

katalog.cena 1.490 Kč
v této nabídce **1.150 Kč**

Teaching Climate Change to Children describes the journey of two literacy researchers to learn about climate change and support relevant literacy pedagogy for young children (pre-K–6). The authors argue that climate change and social justice are inextricable from each other; that children in the younger grades are capable of learning about climate change; and that reading, writing, and language study is well-suited to this work. Three anchoring themes are offered to support literacy climate pedagogy—interconnectivity, relationality, and action—with rich classroom examples and different entry points to engage with these themes, either by "starting small" or "going big." The text includes chapters on the importance of taking an emotionally affirming stance and on the potential of incorporating arts-based methods.

With love for the Earth and one another at its core, this accessible book takes a broad view of what it means to cultivate sustainable futures for our planet, for teachers, and for children in today's schools. Book Features: A unique focus on teaching about climate change to young children, as opposed to adolescents. Insights drawn from a yearlong teacher inquiry group with classroom teachers and from literacy methods courses with preservice teachers.

Explicit attention to the importance of humanizing and care-based practices in literacy climate pedagogy. Classroom examples collected across four urban public schools where teachers used the activities and resources discussed in the book. User-friendly textboxes with suggestions and questions to guide discussion, reflection, and action..

Textbook of Environment and Ecology



v pevné vazbě, 361 stran
vyd. Springer, III/2024
ISBN 9789819988457

katalog.cena 2.780 Kč
v této nabídce **1.950 Kč**

This textbook is focused on fundamentals of environment and ecology for undergraduate and graduate students. This is first of its kind book dealing with physical environment, ecosystems, biological diversity, environmental pollution, and environment-influenced natural resource ecology and management. This will cater to the needs of the students, examinees, trainees, and teachers.

It consists of 23 chapters spread over 5 sections i.e., ecosystem analysis, natural resources, biodiversity, environmental disruptions, and environmental management. The textbook is well aligned with the syllabus of all central and state universities and offers the latest insights as well to the students of undergraduate and postgraduate courses of ecology and environmental sciences. Every chapter provides summary/points to remember and exercises.

Each exercise includes 20 multiple-choice questions, 10 short-answer questions, and 5 long-answer questions. The textbook is a comprehensive coverage for basic and advanced courses in ecology and environmental sciences. Each topic is supported by illustrations, tables, and information boxes etc.

Traditional Knowledge and Climate Change



v pevné vazbě, 329 stran
vyd. Springer, III/2024
ISBN 9789819988297

katalog.cena 1.260 Kč
v této nabídce **880 Kč**

This edited book uses a methodology that includes multidisciplinary collaboration to approach climate issues from several disciplines involved in climate governance. The main aim is to showcase collaborative research designed from the point of view of experiences associated with Indigenous Knowledge from an assumption of the equitable importance of its practices, methods of search, and cultural background that Indigenous Peoples custodians have maintained through time immemorial. In showing their applied ethics and activism to protect their traditional land, this book's mission is to advocate the concept of climate justice absent from our mainstream academic and legal discourse.

Their investigation into some real-life examples and local practices organised by Nature as their main element offers, inter alia, a detailed account of Indigenous Knowledge's duty of care towards local biodiversity that can potentially be adopted in policy formulation on environmental management and governance. These selected essays represent an international human rights approach, a human understanding of genetic resources that existed for centuries alongside the First Nations and their strategies to mitigate the contemporary climate crisis afflicting all of us. The book revolves around Indigenous Knowledge of First Peoples, tribal and local communities in the Global South. In climate justice, Indigenous Peoples' advocacy to protect our local biodiversity must be crucial change mitigation.

Urban Ecology: Introduction



v měkké vazbě, 530 stran
vyd. Taylor and Francis Ltd, XII/2023
ISBN 9781032281001

katalog.cena 1.060 Kč
v této nabídce **790 Kč**

This fully revised second edition reflects the great expansion in urban ecology research, action, and teaching since 2015. Urban ecology provides an understanding of urban ecosystems and uses nature-based techniques to enhance habitats and alleviate poor environmental conditions. Already the home to the majority of the world's people, urban areas continue to grow, causing ecological changes throughout the world.

To help students of all professions caring for urban areas and the people, animals, and plants that live in them, the authors set out the environmental and ecological science of cities, linkages between urban nature and human health, urban food production in cities, and how we can value urban nature. The authors explore our responsibilities for urban nature and greening, ecological management techniques, and the use of nature-based solutions to achieve a better, more sustainable urban future and ensure that cities can climate change and become more beautiful and more sustainable places in which to live. This text provides the student and the practitioner with a critical scientific overview of urban ecology that will be a key source of data and ideas for studies and for sound urban management.