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Western Conservation Journal - 1970

Ethics of Biodiversity Conservation - Jayanta Kumar Mallick 2022-02-02
In 1864 in India, the British Raj established the Imperial Forest Department. Social forestry got a major boost in the early 1980s, initiating a new approach to deal with the problem of biotic interference on forest land. A great change was made in forest and forestry management for the protection and development of forests, where Forest Protection Committees (FPCs) were formed by villagers, following the Arabari Model Community forest experiment in West Bengal, for usufruct rights and revenue sharing, which is unique in the history of forest management in the world. Ethics of Biodiversity Conservation takes a unique longitudinal view of this important forestry management case study. Today, increasing human population, growing industrialization, pollution, and climate change, creates the challenge of determining ways and means of ensuring that biodiversity conservation is an integral part of forest management.
Handbook of Machine Learning for Computational Optimization - Vishal Jain 2021-11-02
Technology is moving at an exponential pace in this era of computational intelligence. Machine learning has emerged as one of the most promising tools used to challenge and think beyond current limitations. This handbook will provide readers with a leading edge to improving their products and processes through optimal and smarter machine learning techniques. This handbook focuses on new machine learning developments that can lead to newly developed applications. It uses a predictive and futuristic approach, which makes machine learning a promising tool for processes and sustainable solutions. It also promotes newer algorithms that are more efficient and reliable for new dimensions in discovering other applications, and then goes on to discuss the potential in making better use of machines in order to ensure optimal prediction, execution, and decision-making. Individuals looking for machine learning-based knowledge will find interest in this handbook. The readership ranges from undergraduate students of engineering and allied courses to researchers, professionals, and application designers.
Ecology, Environment and Conservation - Anne Offit 2016-05-27
This book integrates some of the key issues and concepts pertaining to ecology, environment and conservation. The rapid degradation of natural resources, diminishing reserves of conventional fuel and mineral sources, and the impoverished state of environmental health has necessitated the re-evaluation of damage caused by various industrial and human activities. The topics covered in this extensive book deal with some of the crucial aspects such as emerging trends in recycling and waste management, strategies to improve sustainability and productivity, diverse branches of ecology, population dynamics and utilization of natural resources, green house effects, etc. From theories to researches to practical applications, case studies related to all contemporary topics of relevance to this field have been included in this book. This book is a resource guide for experts as well as students.
Biotechnological Approaches for Pest Management and Ecological Sustainability - Hari C Sharma 2008-12-17
Due to increasing problems occurring from massive applications of pesticides, such as insect resistance to pesticides, the use of biotechnological tools to minimize losses from insect pests has become inevitable. Presenting alternative strategies for alleviating biotic stresses, Biotechnological Approaches for Pest Management and Ecological Sustain
Advances in Intelligent Signal Processing and Data Mining - Petia Georgieva 2012-07-27
The book presents some of the most efficient statistical and deterministic methods for information processing and applications in order to extract targeted information and find hidden patterns. The techniques presented range from Bayesian approaches and their variations such as sequential Monte Carlo methods, Markov Chain Monte Carlo filters, Rao Blackwellization, to the biologically inspired paradigm of Neural Networks and decomposition techniques such as Empirical Mode Decomposition, Independent Component Analysis and Singular Spectrum Analysis. The book is directed to the research students, professors, researchers and practitioners interested in exploring the advanced techniques in intelligent signal processing and data mining paradigms.
Multiphysics Simulation - Ercan M. Dede 2014-05-28
This book highlights a unique combination of numerical tools and strategies for handling the challenges of multiphysics simulation, with a specific focus on electromechanical systems as the target application. Features: introduces the concept of design via simulation, along with the role of multiphysics simulation in today’s engineering environment; discusses the importance of structural optimization techniques in the design and development of electromechanical systems; provides an overview of the physics commonly involved with electromechanical systems for applications such as electronics, magnetic components, RF components, actuators, and motors; reviews the governing equations for the simulation of related multiphysics problems; outlines relevant (topology and parametric size) optimization methods for electromechanical systems; describes in detail several multiphysics simulation and optimization example studies in both two and three dimensions, with sample numerical code.
Environmental Pollution and Natural Resource Management - Kanchan Deoli Bahukhandi 2022-08-22
This book presents conference articles related to environmental pollution and natural resource management, and environmentally friendly technologies that lead to sustainable development presented in the Conference "Sustainable Management of Environment & Natural Resource Through Innovation in Science and Technology". The book highlights the latest development and innovation in environmental science, technology, and interdisciplinary research to improve the environment and health safety. It includes innovations and improvisations in the broad area of science and technology, natural resource, and environment management. It deliberates on the current burning issues of environment protection management and sustainable development, environmental pollution, global warming, and climate change. The development strategies must therefore be shaped by the following components: The satisfaction of basic human requirements The eradication of poverty Self-reliant and participatory development Environmental consciousness Technology has to play a critical role in the process of changing industrial society. But innovation has to be embedded in social and organizational innovation. This book provides a wide range of research articles in the area of science and technology, sustainability, natural resource management, ecology and its environmental fields, geosciences and geology, atmospheric sciences, sustainability, climate change, and extreme weather, global warming, and environmental change, the effect of climate change on the ecosystem, environment, and pollution.
Sustainability in Higher Education - J. Paulo Davim 2015-08-24
Support in higher education is an emerging area of great interest to professors, researchers and students in academic institutions. Sustainability in Higher Education provides discussions on the exchange of information between different aspects of sustainability in higher education. This book includes chapter contributions from authors who have provided case studies on various areas of education for sustainability. focus on sustainability present studies in aspects related with higher education explores a variety of educational aspects from an sustainable perspective
Global Biodiversity in a Changing Environment - F.Stuart Chapin 2013-12-01

The scientific community has voiced two general concerns about the future of the earth. Firstly, climatologists and oceanographers have focused on the changes in our physical environment, ie climate, oceans, and air. And secondly, environmental biologists have addressed issues of conservation and the extinction of species. There is increasing evidence that these two broad concerns are intertwined and mutually dependent. Past changes in biodiversity have both responded to and caused changes in the earths environment. In its discussions of ten key terrestrial biomes and freshwater ecosystems, this volume uses our broad understanding of global environmental change to present the first comprehensive scenarios of biodiversity for the twenty-first century. Combining physical earth science with conservation biology, the book provides a starting-point for regional assessments on all scales. The book will be of interest to those concerned with guiding research on the changing environment of the earth and with planning future policy, especially in accordance with the Global Biodiversity Convention.

Quality of Healthcare in the Aftermath of the COVID-19 Pandemic - Moumtzoglou, Anastasius 2021-12-10

The COVID-19 pandemic has put massive stress on healthcare professionals' formal training, their creed to do no harm, and the patient safety movement. COVID-19 affects all aspects of daily life and healthcare's organizational culture and values. Healthcare institutions experience absenteeism, change in commerce patterns, and interrupted supply/delivery in this context. It has also revealed the extensive amounts of data needed for population health management, as well as the opportunities afforded by mainstreaming telehealth and virtual care capabilities, thus making the implementation of health IT essential in the post-pandemic era. Quality of Healthcare in the Aftermath of the COVID-19 Pandemic clarifies how healthcare professionals might provide their services differently than treating a patient through its vicinity with multiple providers. It examines the notion that healthcare education requires a pack of healthcare workers from varied educational backgrounds and training levels for the nuances of a disease. Covering topics such as blockchain technology, power density analysis, and supply chain, this book is a valuable resource for undergraduate and extended degree program students, graduate students of healthcare quality and health services management, healthcare managers, health professionals, researchers, professors, and academicians.

Contaminants in Agriculture and Environment: Health Risks and Remediation - Vinod Kumar 2019-06-25

The book entitled "Contaminants in Agriculture and Environment: Health Risks and Remediation" is focused on the emerging contaminants in agriculture and environment and it will be helpful for the researchers, academicians, scientists, UG and PG students and other stakeholders engaged in the field of agriculture and environmental studies. The contaminants of crops, vegetables, fruits, fishes, grains and pulses and their health effects and impact of pollutants on human/animal health, growth and productivity of agricultural crops.

A Dictionary of Environment and Conservation - Michael Allaby 2013-01-10

With over 8500 entries, this informative dictionary addresses the social, legal, political and economic aspects of the environment and conservation as well as the scientific terms.

A Dictionary of Environment and Conservation - Chris C. Park 2008

This informative dictionary contains over 8,500 entries on all aspects of the environment and conservation. International in scope, it embraces a broad spectrum of environmental areas including sustainable development, biodiversity, conservation, environmental ethics, philosophy, and history, resource management, sociology, and policy on the environment. In addition to its wide-ranging, concise definitions, it includes longer key entries on topics such as Antarctica, Gaia hypothesis, genetic engineering, the Kyoto Protocol, and the United Nations Conference on Environmental Development. The dictionary is uniquely comprehensive in that it addresses the social, legal, political, and economic aspects of the environment and conservation as well as the scientific terms. Coverage includes international treaties, movements, trusts and organizations, as well as biographies of key figures in environmental science. It also boasts wide coverage of terms relating to rural/community development and participation, an area with an increasingly key role in managing the environment and biodiversity. This places the subject of the environment firmly in a human as well as a scientific context. The dictionary is supplemented with an invaluable selection of 10 appendices, including international hazard assessment scales (including the Beaufort scale, the Richter scale, and the Fujita tornado scale), the geological timescale, and a list of useful websites for further study. Conciseand wide-ranging, this is an essential work of reference for students and professionals, and anyone with an interest in the environment and conservation

Key Topics in Conservation Biology 2 - David W. Macdonald 2013-02-06

Following the much acclaimed success of the first volume ofKey Topics in Conservation Biology, this entirely new secondvolume addresses an innovative array of key topics in contemporaryconservation biology. Written by an internationally renownedteam of authors, Key Topics in Conservation Biology 2 addsto the still topical foundations laid in the first volume(published in 2007) by exploring a further 25 cutting-edge issuesin modern biodiversity conservation, including controversialsubjects such as setting conservation priorities, balancing thefocus on species and ecosystems, and financial mechanisms to valuebiodiversity and pay for its conservation. Other chapters, settingthe framework for conservation, address the sociology andphilosophy of peoples' relation with Nature and its impact onhealth, and such challenging practical issues as wildlife trade andconflict between people and carnivores. As a new development, thissecond volume of Key Topics includes chapters on major ecosystems,such as forests, islands and both fresh and marine waters, alongwith case studies of the conservation of major taxa: plants,butterflies, birds and mammals. A further selection of topicsconsider how to safeguard the future through monitoring, reserveplanning, corridors and connectivity, together with approaches toreintroduction and re-wilding, along with managing wildlifedisease. A final chapter, by the editors, synthesises thinking onthe relationship between biodiversity conservation and humandevelopment. Each topic is explored by a team of top international experts,assembled to bring their own cross-cutting knowledge to apenetrating synthesis of the issues from both theoretical andpractical perspectives. The interdisciplinary nature of biodiversity conservation isreflected throughout the book. Each essay examines the fundamentalprinciples of the topic, the methodologies involved and, crucially,the human dimension. In this way, Key Topics in ConservationBiology 2, like its sister volume, Key Topics in ConservationBiology, embraces issues from cutting-edge ecological scienceto policy, environmental economics, governance, ethics, and thepractical issues of implementation. Key Topics in Conservation Biology 2 will, like itssister volume, be a valuable resource in universities and colleges,government departments, and conservation agencies. It is aimedparticularly at senior undergraduate and graduate students inconservation biology and wildlife management and wider ecologicaland environmental subjects, and those taking Masters degrees in anyfield relevant to conservation and the environment. Conservationpractitioners, policy-makers, and the wider general public eager tounderstand more about important environmental issues will also findthis book invaluable.

Sustainability in the Global City - Cindy Isenhour 2015-03-05

This volume is a vital contribution to conversations about urban sustainability, looking beyond the propaganda to explore its consequences for everyday life.

Recent Advances in Remote Sensing and Geoinformation Processing for Land Degradation Assessment - Achim Roeder 2009-04-23

Land degradation and desertification are amongst the most severe threats to human welfare and the environment, as they affect the livelihoods of some 2 billion people in the worlds drylands, and they are directly connected to pressing global environmental problems, such as the loss of biological diversity or global climate change. Strategies to co

The Journal of Environment & Development - 2000

The Nature of Spectacle - Jim Igoe 2017-09-12

Today crisis appears to be the normal order of things. We seem to be turning in widening gyres of economic failure, species extinction, resource scarcity, war, and climate change. These crises are interconnected ecologically, economically, and politically. Just as importantly, they are connected—and disconnected—in our imaginations. Public imaginations are possibly the most important stage on which crises are played out, for these views determine how the problems are perceived and what solutions are offered. In The Nature of Spectacle, Jim Igoe embarks on multifaceted explorations of how we imagine nature and how nature shapes our imaginations. The book traces spectacular productions of imagined nature across time and space—from African nature tourism to transnational policy events to green consumer appeals in which the push of a virtual button appears to initiate a chain of events resulting in the protection of polar bears in the Arctic or jaguars in the Amazon rainforest. These explorations illuminate the often surprising intersections of consumerism, entertainment, and environmental policy. They show how these intersections figure in a strengthening and

problematic policy consensus in which economic growth and ecosystem health are cast as mutually necessitating conditions. They also take seriously the potential of these intersections and how they may facilitate other alignments and imaginings that may become the basis of alternatives to our current socioecological predicaments.

Issues in Global Environment—Biodiversity, Resources, and Conservation: 2013 Edition - 2013-05-01

Issues in Global Environment—Biodiversity, Resources, and Conservation: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Additional Research. The editors have built Issues in Global Environment—Biodiversity, Resources, and Conservation: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Additional Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Global Environment—Biodiversity, Resources, and Conservation: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.

Journal of Man-environment Relations - 1980

Handbook of Water Harvesting and Conservation - Saeid Eslamian 2021-03-01

Water harvesting is gaining more and more recognition as a sustainable and resilient water supply options. It is economically viable, socially compatible and environmentally friendly. Water harvesting has proven to be a robust solution to overcome or reduce water shortages all over the world. It is important to understand how to apply this practice in a sustainable and effective way to make full use of its potential in a world increasingly threatened by water scarcity. The Handbook of Water Harvesting and Conservation: Basic Concepts and Fundamentals is the most comprehensive, up-to-date and applied handbook on water harvesting and conservation yet published. The book's 30 chapters -- written by 84 outstanding international experts from approximately 20 selected countries faced by drought -- explore, critique and develop concepts and systems for water harvesting. The editors bring together many perspectives into a synthesis that is both academically based and practical in its potential applications. The Handbook of Water Harvesting and Conservation: Basic Concepts and Fundamentals is an important tool for education, research and technical works in the areas of soil, water and watershed management and is highly useful for drought strategy planning, flood management and developing techniques to adapt to climate change in urban, agricultural, forest and rangeland areas.

Environmental Waste Management - Ram Chandra 2016-04-19

Rapid industrialization has resulted in the generation of huge quantities of hazardous waste, both solid and liquid. Despite regulatory guidelines and pollution control measures, industrial waste is being dumped on land and discharged into water bodies without adequate treatment. This gross misconduct creates serious environmental and public health

Monitoring Threatened Species and Ecological Communities - Sarah Legge 2018-01-20

Monitoring is integral to all aspects of policy and management for threatened biodiversity. It is fundamental to assessing the conservation status and trends of listed species and ecological communities. Monitoring data can be used to diagnose the causes of decline, to measure management effectiveness and to report on investment. It is also a valuable public engagement tool. Yet in Australia, monitoring threatened biodiversity is not always optimally managed. Monitoring Threatened Species and Ecological Communities aims to improve the standard of monitoring for Australia's threatened biodiversity. It gathers insights from some of the most experienced managers and scientists involved with monitoring programs for threatened species and ecological communities in Australia, and evaluates current monitoring programs, establishing a baseline against which the quality of future monitoring activity can be managed. Case studies provide examples of practical pathways to improve the quality of biodiversity monitoring, and guidelines to improve future programs are proposed. This book will benefit scientists, conservation managers, policy makers and those with an interest in threatened species monitoring and management.

Energy Economics and the Environment - Mohammad Yonus Bhat 2020-06-08

Energy is a basic prerequisite for the growth and development of national wealth. Based on primary research, Energy Economics and the Environment integrates a network of diverse disciplines to provide a theoretical and practical understanding of the constantly neglected challenges associated with conservation, preservation and sustainability of environment and energy. It highlights the issues and prospects in safeguarding environmental biodiversity and renewable energy efficiency, ecosystem chains and human living standards. This book studies the vulnerability associated with global climate alterations that limits direct social and economic benefits from ecosystem goods and services, and presents significant methods through illustrative case studies to tackle energy and environmental questions. In its final analysis, the book proposes possible unconventional mitigation strategies to restore sustainable biodiversity of ecosystems.

WATER BIOLOGY - Dev Raj Khanna 2018-04

Biodiversity in a Changing Climate - Terry Louise Root 2015-06-16

One major consequence of climate change is abrupt, dramatic changes in regional biodiversity. Even if the most optimistic scenarios for mitigating climate change transpire, the fate of many wild species rests on the shoulders of people engaged in conservation planning, management, and policy. Providing managers with the latest and most useful climate change research is critical and requires challenging the conventional divide between scientists and managers. Biodiversity in a Changing Climate promotes dialogue among scientists, decision makers, and managers who are grappling with climate-related threats to species and ecosystems in diverse forms. The book includes case studies and best practices used to address impacts related to climate change across a broad spectrum of species and habitats—from coastal krill and sea urchins to prairie grass and mountain bumblebees. Focused on California, the issues and strategies presented in this book will prove relevant to regions across the West, as well as other regions, and provide a framework for how scientists and managers in any region can bridge the communication divide to manage biodiversity in a rapidly changing world. Biodiversity and a Changing Climate will prove an indispensable guide to students, scientists, and professionals engaged in conservation and resource management.

Environmental Regulation of Real Property - Nicholas A. Robinson 2022-04-28

This book not only offers in-depth analysis of federal environmental statutes having a bearing on land use, but also looks closely at rules imposed by state and local governments.

Landscape Ecological Applications in Man-Influenced Areas - Sun-Kee Hong 2007-01-29

Landscape Ecological Applications in Man-Influenced Areas not only expands the concept of landscape ecology, but also applies its principles to man-influenced ecosystems. New dimensions of landscape ecological research in a global change such as urbanization, biodiversity, and land transformation are explored in this book. The book also includes case studies concerning landscape analysis and evaluation using spatial analysis and landscape modelling for establishing sustainable management strategy in urban and agricultural landscapes.

Valuing Nature - Robert Fish 2022-11-11

When a group of liberal arts students embark on a university assignment about the natural environment, no one could have quite prepared them for the bewildering array of questions and provocations to confront them in their task. What starts out as an earnest attempt to understand nature in the modern world, turns into a philosophical and practical tangle that only a good transdisciplinary education can provide. Can anyone save the day and actually start to value 'nature'? And if they can't, then what's stopping them? The idea of 'valuing nature' harmonises diverse areas of natural resource management and is an important dimension of scientific and practical work concerned with managing ecosystems and habitats for sustainability. This graphic book takes the reader on an exploration of the issues that arise from this growing interest and concern in the valuation of nature. Set around the premise of a 'motley' group of undergraduates endeavouring to complete a university assignment on 'nature in the modern world', the book explores: the many and diverse meanings people assign to nature the different ways the relationship between people and nature might be characterised the many values systems people hold for the natural world the options and approaches society can deploy to manage it the extent to which we need entirely new economic systems to protect and sustain nature. This highly interdisciplinary book invites consideration of a range of philosophical and applied debates and questions. Written in an accessible style, it is an

ideal undergraduate text in the fields of ecology, human and physical geography, conservation science, environment, social science and spatial planning, as well as a general primer for graduate natural and social scientists embarking on interdisciplinary research in the natural resource management arena.

Ecology, Environmental Science & Conservation - Singh J.S., Singh S.P. & Gupta S.R. 2014

Over the years, the scope of our scientific understanding and technical skills in ecology and environmental science have widened significantly, with increasingly greater emphasis on societal issues. In this book, an attempt has been made to give basic concepts of ecology, environmental science and various aspects of natural resource conservation. The topics covered primarily deal with environmental factors affecting organisms, adaptations, biogeography, ecology of species populations and species interactions, biotic communities and ecosystems, environmental pollution, stresses caused by toxics, global environmental change, exotic species invasion, conservation of biodiversity, ecological restoration, impact assessment, application of remote sensing and geographical information system for analysis and management of natural resources, and approaches of ecological economics. The main issues have been discussed within the framework of sustainability, considering humans as part of ecosystems, and recognising that sustainable development requires integration of ecology with social sciences for policy formulation and implementation.

Habitat Conservation - A. Warren 2001-03-30

Habitat Conservation examines the relationship between habitat and ecosystem dynamics. Over the last decade scientists have made advances in their understanding of this relationship and this has had major impacts on their approach to nature conservation management. In many habitats conservation management needs to take into account the physical dynamic processes such as the impact of air, soil and water as well as the biological processes. Covering habitats ranging from mountains to floodplains to coastal dunes and rivers this text discusses: * how the biological and physical processes interact in each habitat * explores the current and future impact of global warming and sea-level rise and; * uses case studies to demonstrate how different habitats can be naturally managed and restored. Written by geomorphologists, hydrologists, climatologists and limnologists this is a fundamental text for masters and undergraduate students studying nature conservation, habitat ecology and environmental management. It will also be essential reading for all conservationists, environmental consultants, managers and engineers.

Current State and Future Impacts of Climate Change on Biodiversity - Rathoure, Ashok Kumar 2019-11-29

Understanding the balance of society and nature is imperative when researching ecosystems and their global influence. A method of studying the health of these ecosystems is biodiversity. The more diverse the species that live in an ecosystem, the healthier it is. As the climate continues to transform, small-scale ecosystems are affected, altering their diversity. Environmentalists need a book of research that studies the specific impacts of climate change and how it affects the future of the environment. Current State and Future Impacts of Climate Change on Biodiversity is a pivotal reference source that provides vital research on biological systems and how climate change influences their health. While highlighting topics such as genetic diversity, economic valuation, and climatic conditions, this publication explores the effects of climate change as well as the methods of sustainable management within ecosystems. This book is ideally designed for environmental scientists, environmental professionals, scientists, ecologists, conservationists, government officials, policymakers, agriculturalists, environmentalists, zoologists, botanists, entomologists, urban planners, researchers, scholars, and students seeking research on current and future developments of various ecosystems.

Environmental Studies and Climate Change - R C Sobti 2022-12-13

Currently, anthropogenic activities have caused unprecedented destruction of the environment at alarming rates, leading to undesirable alterations in air, land, and water. The process of environment degradation has been accelerated by industrial processes, which result in waste as well as over-consumption of natural resources. The ecological balance has been disturbed, and resources have shrunk. All this has resulted in climate change, which has emerged as a major concern in the 21st century. Changes in the environment are driven by demand for energy, water, and food to raise the standard of living. These are also responsible for climate change, with contributions from deforestation and CO2 emissions from fossil fuels such as coal and petroleum. The present volume discusses some of the main issues regarding environmental degradation and the causes as well as the impact of climate change, which is impacting the ecosystem. The effects of various pollutants, causes of climate change with case studies on geochemistry and glaciers, etc., and measures to reduce the impact on biodiversity, health, etc. are discussed in detail in its chapters. In a nutshell, this volume discusses in detail the following issues: • Anthropogenic and natural factors in environmental degradation • Climate change history, causes, and threats to abiotic and biotic systems • Case studies on the impact of climate change and living systems • Mitigation and preparedness for the future

Conflicts in Conservation - Stephen M. Redpath 2015-05-07

An insightful guide to understanding conflicts over the conservation of biodiversity and groundbreaking strategies to deal with them.

Biodiversity Conservation in Southeast Asia - Serge Morand 2017-07-28

Southeast Asia is highly diversified in terms of socio-ecosystems and biodiversity, but is undergoing dramatic environmental and social changes. These changes characterize the recent period and can be illustrated by the effects of the Green Revolution in the late 1960s and 1970s, to the globalization of trade and increasing agronomic intensification over the past decade. Biodiversity Conservation in Southeast Asia provides theoretical overviews and challenges for applied research in living resource management, conservation ecology, health ecology and conservation planning in Southeast Asia. Five key themes are addressed: origin and evolution of Southeast Asian biodiversity; challenges in conservation biology; ecosystem services and biodiversity; managing biodiversity and living resources; policy, economics and governance of biodiversity. Detailed case studies are included from Thailand and the Lower Mekong Basin, while other chapters address cross-cutting themes applicable to the whole Southeast Asia region. This is a valuable resource for academics and students in the areas of ecology, conservation, environmental policy and management, Southeast Asian studies and sustainable development.

Biodiversity Conservation in Southeast Asia - Serge Morand 2019-04-15

"Provides theoretical overviews and challenges for applied research in living resource management, conservation ecology, health ecology and conservation planning in Southeast Asia"--

Biological Diversity: Current Status and Conservation Policies - Vinod Kumar 2021-10-25

The present book has been designed to bind prime knowledge of climate change-induced impacts on various aspects of our environment and its biological diversity. The book also contains updated information, methods and tools for the monitoring and conservation of impacted biological diversity.

The Rise of the American Conservation Movement - Dorceta E. Taylor 2016-08-05

In this sweeping social history Dorceta E. Taylor examines the emergence and rise of the multifaceted U.S. conservation movement from the mid-nineteenth to the early twentieth century. She shows how race, class, and gender influenced every aspect of the movement, including the establishment of parks; campaigns to protect wild game, birds, and fish; forest conservation; outdoor recreation; and the movement's links to nineteenth-century ideologies. Initially led by white urban elites—whose early efforts discriminated against the lower class and were often tied up with slavery and the appropriation of Native lands—the movement benefited from contributions to policy making, knowledge about the environment, and activism by the poor and working class, people of color, women, and Native Americans. Far-ranging and nuanced, The Rise of the American Conservation Movement comprehensively documents the movement's competing motivations, conflicts, problematic practices, and achievements in new ways.

Environmental Management for Collections - Shin Maekawa 2015-05-15

In recent years more cultural institutions in hot and humid climates have been installing air-conditioning systems to protect their collections and provide comfort for both employees and visitors. This practice, however, can pose complications, including problems of installation and maintenance as well as structural damage to buildings, while failing to provide collections with a viable conservation environment. This volume offers hands-on guidance to the specific challenges involved in conserving cultural heritage in hot and humid climates. Initial chapters present scientific and geographic overviews of these climates, outline risk-based classifications for environmental control, and discuss related issues of human health and comfort. The authors then describe climate management strategies that offer effective and reliable alternatives to conventional air-conditioning systems and that require minimal

intervention to the historic fabric of buildings that house collections. The book concludes with seven case studies of successful climate improvement projects undertaken by the Getty Conservation Institute in collaboration with cultural institutions around the world. Appendixes include a unit conversion table, a glossary, and a full bibliography. This book is an essential tool for cultural heritage conservators and museum curators, as well as other professionals involved in the design, construction, and maintenance of museums and other buildings housing cultural heritage collections in hot and humid climates. “It is absolutely right that conservation be in step with the socio-political context surrounding environmentally sound approaches. This text does that, and does it well. The authors have, admirably, been awarded the 2016 Prose Award for Environmental Science, and they are to be congratulated for producing a text that is seen as having an impact outside of the conservation sphere. The technical theory that underpins the text is accessible, and the solutions borne out through the case studies do present as being admirably pragmatic.”— Journal of the Institute of Conservation