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Pediatric and Adult Nutrition in Chronic Diseases, Developmental Disabilities, and Hereditary Metabolic Disorders
EnergyThe Publishers' Trade List AnnualEnergy & FeedstocksMethods of Environmental and Social Impact Assessment
American Journal of PhysicsEnergy EfficiencyWater, Culture, and PowerClean Energy and Resource Recovery
An Introduction to Physical Geography and the EnvironmentPhysical Activity Assessments for Health-related Research
The Changing Geography of the UK 3rd EditionRenewable EnergyFuture Spacecraft Propulsion Systems and Integration
Effective Physical SecurityForthcoming BooksThe Ethology of Domestic AnimalsChristian Counseling 3rd Edition
The Breakdown and Restoration of EcosystemsEnergy & Environmental Systems Division, EES Publications, 1968-1986
Environmental HealthResources in EducationHuman AdaptabilityEnvironmental Health PerspectivesGreen Logistics
Managing Human and Social SystemsSustainable Energy, 2ndHealth Program Planning, Implementation, and Evaluation
The Consequences of Nuclear War on the Global EnvironmentRenewable EnergyResearch in EducationAnimal Welfare, 3rd Edition
Sustainable Energy, SI EditionWASTES 2015 - Solutions, Treatments and OpportunitiesAssessment of Energy Sources Using GIS
151 Essays for IAS/ PCS & other Competitive Exams 3rd EditionThe Harvard SamplerPädagogische Psychologie des Lernens und Lehrens
Energy Policy in the U.S.

Pediatric and Adult Nutrition in Chronic Diseases, Developmental Disabilities, and Hereditary Metabolic Disorders

This proven guide in pastoral counseling has been extensively expanded and revised by the author to include recent developments and research, new resources, and attention to newly urgent needs such as AIDS, eating disorders, homosexuality, and violence. Written with clarity and sensitivity, this volume builds on biblical foundations and the best resources of professional psychology. It reflects the insights the author has gained from many years of Christian counseling. New Sections include: The Legal, Ethical and Moral Issues in Counseling The Multicultural, Multiracial Issues in Counseling Conflict and Relationships Dealing with Death and Grief Alcoholism and Other Substance Abuse Crises and Trauma Counseling and Terrorism

Energy

The Publishers' Trade List Annual

Energy & Feedstocks

The second edition of this best-selling and highly respected textbook provides an accessible and engaging introduction to the major topics within physical geography. An Introduction to Physical Geography and the Environment is designed with a range of in-text features such as case studies and reflective questions to aid study. As well as this, students have access to a rich and extensive range of online support resources such as extra weblinks, fieldwork worksheets, interactive models and new video clips of physical processes in action, all of which will help them achieve success in their Physical Geography course.

Methods of Environmental and Social Impact Assessment

Effective Physical Security, Fifth Edition is a best-practices compendium that details the essential elements and latest developments in physical security protection. This new edition is completely updated, with new chapters carefully selected from the author's work that set the standard. This book contains important coverage of environmental design, security surveys, locks, lighting, and CCTV, the latest ISO standards for risk assessment and risk management, physical security planning, network systems infrastructure, and environmental design. Provides detailed coverage of physical security in an easily accessible format Presents information that should be required reading for ASIS International's Physical Security Professional (PSP) certification Incorporates expert contributors in the field of physical security, while maintaining a consistent flow and style Serves the needs of multiple audiences, as both a textbook and professional desk reference Blends theory and practice, with a specific focus on today's global business and societal environment, and the associated security, safety, and asset protection challenges Includes useful information on the various and many aids appearing in the book Features terminology, references, websites, appendices to

chapters, and checklists

American Journal of Physics

Clean Energy and Resource Recovery: Wastewater Treatment Plants as Bio-refineries, Volume 2, summarizes the fundamentals of various treatment modes applied to the recovery of energy and value-added products from wastewater treatment plants. The book addresses the production of biofuel, heat, and electricity, chemicals, feed, and other products from municipal wastewater, industrial wastewater, and sludge. It intends to provide the readers an account of up-to-date information on the recovery of biofuels and other value-added products using conventional and advanced technological developments. The book starts with identifying the key problems of the sectors and then provides solutions to them with step-by-step guidance on the implementation of processes and procedures. Titles compiled in this book further explore related issues like the safe disposal of leftovers, from a local to global scale. Finally, the book sheds light on how wastewater treatment facilities reduce stress on energy systems, decrease air and water pollution, build resiliency, and drive local economic activity. As a compliment to **Volume 1: Biomass Waste Based Biorefineries, Clean Energy and Resource Recovery, Volume 2: Wastewater Treatment Plants as Bio-refineries** is a comprehensive reference on all aspects of energy and resource recovery from wastewater. The book is going to be a handy reference tool for energy researchers, environmental scientists, and civil, chemical, and municipal engineers interested in waste-to-energy. Offers a comprehensive overview of the fundamental treatments and methods used in the recovery of energy and value-added products from wastewater. Identifies solutions to key problems related to wastewater to energy/resource recovery through conventional and advanced technologies and explore the alternatives. Provides step-by-step guidance on procedures and calculations from practical field data. Includes successful case studies from both developing and developed countries.

Energy Efficiency

From Harvard University comes essays sampling topics at the forefront of academia in the twenty-first century. Eminent faculty members invite readers to explore subjects as diverse as religious literacy, cyberspace security, epidemiology, questions in evolution, the dark side of the American Revolution, and the biology of the human mind.

Water, Culture, and Power

Readers explore present and future energy needs as well as options for continued use of fossil fuels and alternative energy sources with Dunlap's **SUSTAINABLE ENERGY, 2nd Edition**. Individual chapters thoroughly investigate each energy approach as the book covers both current energy production and future strategies. The author assumes reader familiarity with the basic concepts of freshman-level physics and chemistry. The text emphasizes the complexity of energy issues and the need for a multidisciplinary approach to solving energy problems. Quantitative end-of-chapter problems emphasize analyzing information, correlating data from various sources, and interpreting graphical data and interpolate values. Readers see real problems in producing and using energy as they realize that while exact calculations are important, a broad-based analysis is often most appropriate. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Clean Energy and Resource Recovery

"**Environmental Health: From Global to Local, Third Edition** by Howard Frumkin is a comprehensive and contemporary introductory core text for students in public health, preventive medicine, community health, other health sciences, and environmental health. Expert contributors discuss the major issues in environmental health: air, water, food safety, occupational health, radiation, chemical and physical hazards, environmental disasters, vector control, and environmental justice. Major changes to the third edition: - More global focus - New chapter on vulnerable populations, covering children, poor/minority communities, elderly, others - New chapter on sustainability - Shorten most chapters and eliminate redundancies throughout the book - Much more creative, engaging discussion questions "--Provided by publisher.

An Introduction to Physical Geography and the Environment

Physical Activity Assessments for Health-related Research

Designed to help students understand the multiple levels at which human populations respond to their surroundings, this essential text offers the most complete discussion of environmental, physiological, behavioral, and cultural adaptive strategies available. Among the unique features that make Human Adaptability outstanding as both a textbook for students and a reference book for professionals are a complete discussion of the development of ecological anthropology and relevant research methods; the use of an ecosystem approach with emphasis on arctic, high altitude, arid land, grassland, tropical rain forest, and urban environments; an extensive and updated bibliography on ecological anthropology; and a comprehensive glossary of technical terms. - There is enhanced emphasis throughout on the role of gender in human adaptability research and on global environmental change as it affects particular ecosystems. - Students are guided to websites that provide access to relevant material, complement the text's coverage of biomes, and suggest ways to become active in environmental issues. - The fourth edition includes updated material on climate change and environmental policy. This book is essential reading for students undertaking courses in environmental anthropology and human ecology.

The Changing Geography of the UK 3rd Edition

ENERGY: ITS USE AND THE ENVIRONMENT, Fourth Edition is an introductory textbook that emphasizes the physical principles behind energy and its effects on our environment. The text explains the basic physical principles behind the use of energy, including the study of mechanics, electricity and magnetism, thermodynamics, and atomic and nuclear physics. It also covers crucial environmental questions that currently are receiving much public attention, such as global warming, radioactive waste, municipal solid waste and nuclear energy production materials. The new fourth edition continues to emphasize the impact energy issues have on the individual and society. By placing energy issues within the context of everyday examples and asking students to define and support critical arguments, ENERGY utilizes relevant applications to capture student interest. A new ongoing email service provides subscribing instructors the opportunity to seamlessly incorporate current events into their course lectures. The text can be used in physics, technology, physical science, and environmental science courses for non-science majors. Many of the standard topics found in introductory physics textbooks are included. As a result, this book can be used as the text in a conceptual physics course with energy as the central theme. No math or other science prerequisite is necessary.

Renewable Energy

Energy Efficiency: Concepts and Calculations is the first book of its kind to provide an applied, systems oriented description of energy intensity and efficiency in modern economies across the entire energy chain. With an emphasis on analysis, specifically energy flow analysis, lifecycle energy accounting, economic analysis, technology evaluation, and policies/strategies for adopting high energy efficiency standards, the book provides a comprehensive understanding of the concepts, tools and methodologies for studying and modeling macro-level energy flows through, and within, key economic sectors (electric power, industrial, commercial, residential and transportation). Providing a technical discussion of the application of common methodologies (e.g. cost-benefit analysis and lifecycle assessment), each chapter contains figures intended to be diagnostic, charts and examples from each sector, including the policies that have been put in place to promote and incentivize the adoption of energy efficient technologies. Contains models and tools to analyze each stage at the macro-level by tracking energy consumption and how the resulting data might change energy use Includes accessible references and a glossary of common terms at the end of each chapter Provides diagnostic figures, tables and schematics within the context of local, regional and national energy consumption and utilization

Future Spacecraft Propulsion Systems and Integration

Effective Physical Security

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Forthcoming Books

This volume presents a selection of papers from the WASTES 2015 conference, a platform for scientists and industries from the waste management and recycling sectors from around the world, who shared experiences and knowledge at the meeting. Covering discussions regarding the balance between economic, environmental and social outcomes, the developme

The Ethology of Domestic Animals

Christian Counseling 3rd Edition

According to some estimates, at least 1.7 billion people do not have an adequate supply of drinking water and as many as 40% of the world's population face chronic shortages. Yet water scarcity is more than a matter of terrain, increased population, and climate. It can also be a byproduct or end result of water management, where the building of dams, canals, and complicated delivery systems provide water for some at the cost of others, and result in short-term gains that wreak long-term ecological havoc. Water scarcity can also be a product of the social systems in which we live. *Water, Culture, and Power* presents a series of case studies from around the world that examine the complex culture and power dimensions of water resources and water resource management. Chapters describe highly contested and contentious cases that span the continuum of water management concerns from dam construction and hydroelectric power generation to water quality and potable water systems. Sections examine: impact of water resource development on indigenous peoples varied cultural meanings of water and water resources political process of funding and building water resource projects tensions between culture and power as they structure perceptions and experiences of water scarcity, transforming water from natural resource to social constructio. Case studies include Lummi nation challenges to water rights in the northwest United States; drinking water quality issues in Oaxaca de Juarez, Mexico; the effects of tourism development in the Bay Islands, Honduras; water scarcity on St. Thomas, the Virgin Islands; the role of water in the Arab-Israeli conflict; and other national and regional situations including those from Zimbabwe, Japan, and Bangladesh. While places and cases vary, all chapters address the values and meanings associated with water and how changes in power result in changes in both meaning and in patterns of use, access, and control. *Water, Culture, and Power* provides an important look at water conflicts and crises and is essential reading for students, researchers, and anyone interested in the role of cultural factors as they affect the political economy of natural resource use and control.

The Breakdown and Restoration of Ecosystems

Energy & Environmental Systems Division, EES Publications, 1968-1986

This volume is a comprehensive guide to the use of geographic information systems (GIS) for the spatial analysis of supply and demand for energy in the global and local scale. It gathers the latest research and techniques in GIS for spatial and temporal analysis of energy systems, mapping of energy from fossil fuels, optimization of renewable energy sources, optimized deployment of existing power sources, and assessment of environmental impact of all of the above. Author Lubos Matejcek covers GIS for assessment a wide variety of energy sources, including fossil fuels, hydropower, wind power, solar energy, biomass energy, and nuclear power as well as the use of batteries and accumulators. The author also utilizes case studies to illustrate advanced techniques such as multicriteria analysis, environmental modeling for prediction of energy consumption, and the use of mobile computing and multimedia tools.

Environmental Health

This book reviews the past and present energy use of society and its future needs. A breakdown of current energy sources shows that approximately 80% of the world's primary energy comes from fossil fuels. The book provides an assessment of the needs to change the way in which energy is produced and utilized. The reasons for change fall into two broad categories; diminishing resources and environmental impact. The Hubbert model is described as a means of projecting availability of fossil fuel energy resources in the future. The environmental impact of fossil fuel use is described, with particular emphasis on global climate change. The major options for carbon-free energy are presented. These options include hydroelectric energy and solar energy for both thermal applications and the production of electricity, wind energy, and biofuels. Renewable energy options that range from residential

wind turbines and photovoltaics for electricity and solar thermal heating systems to grid scale facilities, such as off-shore wind farms and hydroelectric installations, are discussed. The production of biofuels as a replacement for fossil fuels used for transportation is also presented. The book also provides evidence for the need to develop energy storage technologies. Energy storage is essential for most forms of renewable energy because the thermal or electrical energy produced by such sources is generally not available when it is needed, nor is it sufficiently portable for transportation applications.

Resources in Education

Human Adaptability

This book presents a full description and interpretation of the changes that have occurred in the United Kingdom during the 1990s. It offers an understanding of the social, economic, political, and physical forces bringing about the changes in the United Kingdom.

Environmental Health Perspectives

Das Lehrbuch zählt zu den Standardwerken in der Ausbildung von Studierenden der Pädagogischen Psychologie, der Pädagogik und des Lehramts. Der Leser erhält einen gut verständlichen und umfassenden Einblick in die Pädagogische Psychologie. Vor allem aus konstruktivistischer Sicht werden Themen wie (kooperatives) Lernen, Gedächtnis, Denken, Motivation und pädagogische Diagnostik dargestellt. Dabei wird davon ausgegangen, dass Lernen nicht nur in Kindheit und Jugend, sondern ebenso im Erwachsenenalter stattfindet und entsprechend angeregt werden kann. In der 9., aktualisierten und erweiterten Auflage wurden aktuelle Studienergebnisse sowie neue Forschungsfelder und Fachbegriffe ergänzt. Wichtige Themen, wie etwa Klassenführung, werden ausführlicher dargestellt. Ein Schwerpunkt des Bandes liegt auf dem Bezug zur Praxis und der Anwendbarkeit der Konzepte im Unterricht. Zahlreiche Beispiele sowie Zusammenfassungen am Kapitelende sollen dem Leser zusätzlich helfen, sich den Inhalt dieses Buches zu erarbeiten.

Green Logistics

In an effort to provide greater awareness of the necessary policy decisions facing our elected and appointed officials, *Energy Policy in the U.S.: Politics, Challenges, and Prospects for Change* presents an overview of important energy policies and the policy process in the United States, including their history, goals, methods of action, and consequences. In the first half of the book, the authors frame the energy policy issue by reviewing U.S. energy policy history, identifying the policy-making players, and illuminating the costs, benefits, and economic and political realities of currently competing policy alternatives. The book examines the stakeholders and their attempts to influence energy policy and addresses the role of supply and demand on the national commitment to energy conservation and the development of alternative energy sources. The latter half of the book delves into specific energy policy strategies, including economic and regulatory options, and factors that influence energy policies, such as the importance of international cooperation. Renewed interest in various renewable and nontraditional energy resources—for example, hydrogen, nuclear fusion, biomass, and tide motion—is examined, and policy agendas are explored in view of scientific, economic, regulatory, production, and environmental constraints. This book provides excellent insight into the complex task of creating a comprehensive energy policy and its importance in the continued availability of energy to power our way of life and economy while protecting our environment and national security.

Managing Human and Social Systems

Bringing together a wealth of knowledge, *Environmental Management Handbook, Second Edition*, gives a comprehensive overview of environmental problems, their sources, their assessment, and their solutions. Through in-depth entries and a topical table of contents, readers will quickly find answers to questions about environmental problems and their corresponding management issues. This six-volume set is a reimagining of the award-winning *Encyclopedia of Environmental Management*, published in 2013, and features insights from more than 400 contributors, all experts in their field. The experience, evidence, methods, and models used in studying environmental management are presented here in six stand-alone volumes, arranged along the major environmental systems. Features The first handbook that demonstrates the key processes and provisions for enhancing environmental management Addresses new and cutting-edge topics on ecosystem services, resilience, sustainability, food-energy-water nexus, socio-ecological systems, and more Provides an excellent basic knowledge on environmental systems, explains how these systems function, and offers strategies on how to best manage them Includes the most important problems and solutions

facing environmental management today In this sixth volume, *Managing Human and Social Systems*, the reader is introduced to the general concepts and processes of all the environmental tools and their application to human and social systems. It explains how these systems function and provides strategies on how to best manage them. It serves as an excellent resource for finding basic knowledge on the human and social systems and includes important problems and solutions that environmental managers face today. This book practically demonstrates the key processes, methods, and models used in studying environmental management.

Sustainable Energy, 2nd

SUSTAINABLE ENERGY focuses directly on energy related issues and includes a thorough treatment of all potentially viable energy sources. In most cases, individual chapters are devoted to each alternative energy approach. Although author Richard Dunlap covers past and current energy production methods, the text deals largely with future alternative energy strategies and follows the guidelines of ABET, the major engineering accreditation body. The book approaches these topics on a rigorous level -- familiarity with the basic concepts of freshman Physics and Chemistry is needed. The book contains enough material for a typical one semester course. The end-of-chapter problems are predominantly quantitative in nature. However, most are not straight forward calculations based on substituting values from the chapter in to the appropriate formula. The problems are designed to require the students to analyze information, to make use of material from previous chapters, to correlate data from various sources (not only from the textbook itself but from library, internet or other sources) and in many cases to estimate quantities based on interpretation of graphical data, interpolation of values and sometime just plain common sense. While maintaining a quantitative approach to the study of energy in our society, the text and accompanying problems show that this is a complex and very interdisciplinary topic. This approach is intended to provide students with an appreciation for the real problems that are encountered in the understanding of how we produce and use energy, and the realization that, while exact calculations are important and necessary, a broadly based analysis is often most appropriate. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Health Program Planning, Implementation, and Evaluation

Updated and revised, this bestselling textbook continues to provide a broad introduction to the key topics in the welfare of animals both large and small, farm and companion, wild and zoo. It retains all the popular features of the previous editions with coverage of key issues such as ethics, animal pain and injury, health and disease, social conditions, and welfare dilemmas and problems. Importantly, it also offers practical advice for welfare assessment, with a full section dedicated to the implementation of solutions. With contributions from renowned international experts and a new editorial team, *Animal Welfare, 3rd Edition* is an essential resource for students and researchers in animal and veterinary sciences and other disciplines considering the science and practice of animal welfare, and for practitioners and decision-makers worldwide.

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And examples -- References -- Construct validity in physical activity research / Matthew T. Mahar and David A. Rowe -- Definitional stage -- Confirmatory stage -- Theory-testing stage -- Summary -- References -- Physical activity data : odd distributions yield strange answers / Jerry R. Thomas and Katherine T. Thomas -- Overview of the general linear model and rank-order procedures -- Determining whether data are normally distributed -- Application of rank-order procedures -- Data distributions and correlation -- Extensions of GLM rank-order statistical procedures -- Summary -- Endnote -- References -- Equating and linking of physical activity questionnaires / Weimo Zhu -- What is scale equating? -- Equating methods -- Practical issues of scale equating -- Remaining challenges and future research directions -- Summary -- References.

The Consequences of Nuclear War on the Global Environment

Peterson, Nico Pronk, Amelie G. Ramirez, Paul Terry

Renewable Energy

The prospect of producing clean, sustainable power in substantial quantities from renewable energy sources is now arousing interest world-wide, stimulated by recent technological developments that have improved the cost-effectiveness of many of the 'renewables' and by increasing concern over the environmental impact and sustainability of conventional fossil

and nuclear fuel use. This book provides a comprehensive overview of the principal renewable energy sources including: DT Solar thermal DT Photovoltaics DT Bioenergy DT Hydro DT Tidal DT Wind DT Wave DT Geothermal With the aid of over 350 detailed illustrations, more than 50 tables of data and a wide range of case studies it explains, for each source, the underlying physical and technological principles, and examines its environmental impact and future prospects. The overall approach is interdisciplinary, covering the economic, social, environmental and policy issues raised by renewable energy as well as the physical and engineering aspects. The book will therefore appeal strongly to non-specialist readers who wish to improve their understanding of this complex, fascinating and increasingly important subject. New to this Edition - Full colour design - Updated to reflect developments in technology. policy and attitudes - Complemented by a new book on traditional sources of energy, Energy Systems and Sustainability edited by Godfrey Boyle, Bob Everett and Janet Ramage of the Open University

Research in Education

Animal Welfare, 3rd Edition

"Packed with information that is useful on a daily basis. This book will be useful for all who care for children with disabilities or chronic disease." --Journal of Parenteral and Enteral Nutrition Food and nutrition studies are more relevant to the practice of medicine than ever before. As scientific understanding of these links has expanded over the last decade, the need for an authoritative reference has never been greater. This fully revised and updated edition of PEDIATRIC AND ADULT NUTRITION IN CHRONIC DISEASES, DEVELOPMENTAL DISABILITIES, AND HEREDITARY METABOLIC DISORDERS offers a comprehensive reference to the nutritional interventions for diseases across the lifespan. Comprising more than 60 topic-based chapters from leading figures in nutrition and medicine, this book is the most up-to-date work on diet as a symptom of, and therapy for, chronic, hereditary, and developmental disorders. Enriched with tables and charts that distill the latest recommendations for nutrient intake, physical activity, this third edition is a convenient and essential resource for busy clinicians and students in nutrition, dietetics, and medical specialties.

Sustainable Energy, SI Edition

WASTES 2015 - Solutions, Treatments and Opportunities

Assessment of Energy Sources Using GIS

Environmental and social impact assessment (ESIA) is an important and often obligatory part of proposing or launching any development project. Delivering a successful ESIA needs not only an understanding of the theory but also a detailed knowledge of the methods for carrying out the processes required. Riki Therivel and Graham Wood bring together the latest advice on best practice from experienced practitioners to ensure an ESIA is carried out effectively and efficiently. This new edition: • explains how an ESIA works and how it should be carried out • demonstrates the links between socio-economic, cultural, environmental and ecological systems and assessments • incorporates the World Bank's IFC performance standards, and best practice examples from developing as well as developed countries • includes new chapters on emerging ESIA topics such as climate change, ecosystem services, cultural impacts, resource efficiency, land acquisition and involuntary resettlement. Invaluable to undergraduate and MSc students of ESIA on planning, ecology, geography and environment courses, this internationally oriented fourth edition of Methods of Environmental and Social Impact Assessment is also of great use to planners, ESIA practitioners and professionals seeking to update their skills.

151 Essays for IAS/ PCS & other Competitive Exams 3rd Edition

This volume contains the papers presented at a conference on "The rehabilitation of severely damaged land and freshwater eco systems in temperate zones", held at Reykjavik, Iceland, from 4th to 11th July, 1976. The meeting was held under the auspices of the Ecosciences Panel of the N.A.T.O. Science Committee, and the organising expenses and greater part of the expenses of the speakers and chairmen were provided by N.A.T.O. The scientific programme was planned by M. W. Holdgate and M. J. Woodman, in consultation with numerous

colleagues, and especially with the Administrative Director of the Conference in Iceland, Dr. Sturla Fridriksson. Iceland proved a particularly suitable location for such a Conference. Geologically, it is one of the youngest countries in the world, owing its origin to the up-welling of volcanic rock along the spreading zone of the mid-Atlantic ridge within the past 20 million years. Its structure, northern oceanic situation, recent glaciation and continuing volcanic activity make it distinct as a habitat and have given it a flora and fauna of especial interest. It is also a land of great natural beauty with its ice caps, waterfalls, volcanic landforms, geothermal features and dramatic coasts. In addition, its ecosystems have proved exceptionally vulnerable to man's impact and it presents the kind of problem with which the Conference was concerned in an acute form.

The Harvard Sampler

The transport, storage and handling of goods impose a heavy burden on the environment. As concern for the environment rises, companies must take more account of the external costs of logistics associated mainly with climate change, air pollution, noise, vibration and accidents. Leading the way in current thinking on environmental logistics, Green Logistics provides a unique insight on the environmental impacts of logistics and the actions that companies and governments can take to deal with them. It is written by a group of leading researchers in the field and provides a comprehensive view of the subject for students, managers and policy-makers. Fully updated and revised, the 3rd Edition of Green Logistics takes a more global perspective than previous editions. It introduces new contributors and international case studies that illustrate the impact of green logistics in practice. There is a new chapter on the links between green logistics and corporate social responsibility (CSR) and a series of postscripts examining the likely effects of new developments, such as 3D printing and distribution by drone, on the environmental footprint of logistics. Other key topics examined in the book include: carbon auditing of supply chains; transferring freight to greener transport modes; reducing the environmental impact of warehousing; improving the energy efficiency of freight transport; making city logistics more environmentally sustainable; reverse logistics for the management of waste; role of government in promoting sustainable logistics. Ideal for use on related courses, the 3rd Edition of Green Logistics includes indispensable online supporting materials, including graphics, tables and chapter summaries, as well as technical information and guidelines for teachers and lecturers. The book is endorsed by the Chartered Institute of Logistics and Transport (CILT).

Pädagogische Psychologie des Lernens und Lehrens

Completely updated, revised and redesigned in colour throughout, this classic bestselling text continues to provide a concise introduction to the important fundamentals of animal behaviour from genetics, physiology, motivation, learning and cognition, through to social and reproductive behaviour, abnormal behaviour and human-animal interactions. This text remains a highly respected, essential resource for both students and lecturers in animal and veterinary science, animal welfare, zoology and psychology.

Energy Policy in the U.S.

The updated and expanded third edition of this book focuses on the multi-disciplinary coupling between flight-vehicle hardware alternatives and enabling propulsion systems. It discusses how to match near-term and far-term aerospace vehicles to missions and provides a comprehensive overview of the subject, directly contributing to the next-generation space infrastructure, from space tourism to space exploration. This holistic treatment defines a mission portfolio addressing near-term to long-term space transportation needs covering sub-orbital, orbital and escape flight profiles. In this context, a vehicle configuration classification is introduced covering alternatives starting from the dawn of space access. A best-practice parametric sizing approach is introduced to correctly design the flight vehicle for the mission. This technique balances required mission with the available vehicle solution space and is an essential capability sought after by technology forecasters and strategic planners alike.

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