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Backpacker

Backpacker brings the outdoors straight to the reader's doorstep, inspiring and enabling them to go more places and enjoy nature more often. The authority on active adventure, Backpacker is the world's first GPS-enabled magazine, and the only magazine whose editors personally test the hiking trails, camping gear, and survival tips they publish. Backpacker's Editors' Choice Awards, an industry honor recognizing design, feature and product innovation, has become the gold standard against which all other outdoor-industry awards are measured.

Timelines of Nearly Everything

Manjunath.R **This book takes readers back and forth through time and makes the past accessible to all families, students and the general reader and is an unprecedented collection of a list of events in chronological order and a wealth of informative knowledge about the rise and fall of empires, major scientific breakthroughs, groundbreaking inventions, and monumental moments about everything that has ever happened.**

Analysis of Phylogenetics and Evolution with R

Springer Science & Business Media **The increasing availability of molecular and genetic databases coupled with the growing power of computers gives biologists opportunities to address new issues, such as the patterns of molecular evolution, and re-assess old ones, such as the role of adaptation in species diversification. In the second edition, the book continues to integrate a wide variety of data analysis methods into a single and flexible interface: the R language. This open source language is available for a wide range of computer systems and has been adopted as a computational environment by many authors of statistical software. Adopting R as a main tool for phylogenetic analyses will ease the workflow in biologists' data analyses, ensure greater scientific repeatability, and enhance the exchange of ideas and methodological developments. The second edition is completed updated, covering the full gamut of R packages for this area that have been introduced to the market since its previous publication five years ago. There is also a new chapter on the simulation of evolutionary data. Graduate students and researchers in evolutionary biology can use this book as a reference for data analyses, whereas researchers in bioinformatics interested in evolutionary analyses will learn how to implement these methods in R. The book starts with a presentation of different R packages and gives a short introduction to R for phylogeneticists unfamiliar with this language. The basic phylogenetic topics are covered: manipulation of phylogenetic data, phylogeny estimation, tree drawing, phylogenetic comparative methods, and estimation of ancestral characters. The chapter on tree drawing uses R's powerful graphical environment. A section deals with the analysis of diversification with phylogenies, one of the author's favorite research topics. The last chapter is devoted to the development of phylogenetic methods with R and interfaces with other languages (C and C++). Some exercises conclude these chapters.**

Copper and Bronze in Art

Corrosion, Colorants, Conservation

Getty Publications **This is a review of 190 years of literature on copper and its alloys. It integrates information on pigments, corrosion and minerals, and discusses environmental conditions, conservation methods, ancient and**

historical technologies.

Idea Man

A Memoir by the Co-founder of Microsoft

Penguin UK **By his early thirties, Paul Allen was a world-famous billionaire-and that was just the beginning. In 2007 and 2008, Time named Paul Allen, the cofounder of Microsoft, one of the hundred most influential people in the world. Since he made his fortune, his impact has been felt in science, technology, business, medicine, sports, music, and philanthropy. His passion, curiosity, and intellectual rigor-combined with the resources to launch and support new initiatives-have literally changed the world. In 2009 Allen discovered that he had lymphoma, lending urgency to his desire to share his story for the first time. In this long-awaited memoir, Allen explains how he has solved problems, what he's learned from his many endeavors-both the triumphs and the failures-and his compelling vision for the future. He reflects candidly on an extraordinary life. The book also features previously untold stories about everything from the true origins of Microsoft to Allen's role in the dawn of private space travel (with SpaceShipOne) and in discoveries at the frontiers of brain science. With honesty, humor, and insight, Allen tells the story of a life of ideas made real.**

Droughts

A Global Assessment

Routledge **Drought draws together contributions from over 75 leading international researchers in the field to present the most comprehensive body of research on the physical and social dimensions of drought to date. Including an extensive range of case-studies covering the most drought-prone and most affected countries, the contributors examine new technology, planning methodologies and mitigation actions from recent drought experiences worldwide. Following a discussion of the critical concepts of drought, the work is divided into the following additional parts: · causes and predictability · monitoring and early warning techniques · impacts and assessment methodologies · links between drought and other global issues · conclusions and future challenges**

Why Forests? Why Now?

The Science, Economics, and Politics of Tropical Forests and Climate Change

Brookings Institution Press **Tropical forests are an undervalued asset in meeting the greatest global challenges of our time—averting climate change and promoting development. Despite their importance, tropical forests and their ecosystems are being destroyed at a high and even increasing rate in most forest-rich countries. The good news is that the science, economics, and politics are aligned to support a major international effort over the next five years to reverse tropical deforestation. Why Forests? Why Now? synthesizes the latest evidence on the importance of tropical forests in a way that is accessible to anyone interested in climate change and development and to readers already familiar with the problem of deforestation. It makes the case to decisionmakers in rich countries that rewarding developing countries for protecting their forests is urgent, affordable, and achievable.**

Culture and Learning in Islam

UNESCO **This publication examines art, the human sciences, science, philosophy, mysticism, language and literature. For this task, UNESCO has chosen scholars and experts from all over the world who belong to widely divergent cultural and religious backgrounds.--Publisher's description.**

But the Irish Sea Betwixt Us

Ireland, Colonialism, and Renaissance Literature

University Press of Kentucky At the rise of the Tudor age, England began to form a national identity. With that sense of self came the beginnings of the colonialist notion of the "other." Ireland, however, proved a most difficult other because it was so closely linked, both culturally and geographically, to England. Ireland's colonial position was especially complex because of the political, religious, and ethnic heritage it shared with England. Andrew Murphy asserts that the Irish were seen not as absolute but as "proximate" others. As a result, English writing about Ireland was a problematic process, since standard.

Finance

A Quantitative Introduction

Cambridge University Press By providing a solid theoretical basis, this book introduces modern finance to readers, including students in science and technology, who already have a good foundation in quantitative skills. It combines the classical, decision-oriented approach and the traditional organization of corporate finance books with a quantitative approach that is particularly well suited to students with backgrounds in engineering and the natural sciences. This combination makes finance much more transparent and accessible than the definition-theorem-proof pattern that is common in mathematics and financial economics. The book's main emphasis is on investments in real assets and the real options attached to them, but it also includes extensive discussion of topics such as portfolio theory, market efficiency, capital structure and derivatives pricing. Finance equips readers as future managers with the financial literacy necessary either to evaluate investment projects themselves or to engage critically with the analysis of financial managers. Supplementary material is available at www.cambridge.org/wijst.

Oxford Exam Excellence

OUP Oxford **All key exam topics and vocabulary covered. Practice of all main test task types in Reading, Listening, Use of English, Writing, and Speaking. Exam techniques, preparation strategies, and useful study tips. Multi-ROM containing recorded material for the Listening tasks and tapescripts. Word Bank with key vocabulary, Speaking Bank with useful communicative phrases, and Writing Bank with model texts and advice. Smart answer key that explains why an answer is correct.**

An Introduction to Reservoir Simulation Using MATLAB/GNU Octave

User Guide for the MATLAB Reservoir Simulation Toolbox (MRST)

Cambridge University Press **Presents numerical methods for reservoir simulation, with efficient implementation and examples using widely-used online open-source code, for researchers, professionals and advanced students. This title is also available as Open Access on Cambridge Core.**

The History and Geography of Human Genes Abridged paperback Edition

Princeton University Press **Hailed as a breakthrough in the understanding of human evolution, The History and Geography of Human Genes offers the first full-scale reconstruction of where human populations originated and the paths by**

which they spread throughout the world. By mapping the worldwide geographic distribution of genes for over 110 traits in over 1800 primarily aboriginal populations, the authors charted migrations and devised a clock by which to date evolutionary history. This monumental work is now available in a more affordable paperback edition without the myriad illustrations and maps, but containing the full text and partial appendices of the authors' pathbreaking endeavor.

Polar Microbiology

The Ecology, Biodiversity and Bioremediation Potential of Microorganisms in Extremely Cold Environments

CRC Press Pollution has accompanied polar exploration since Captain John Davis' arrival on the Antarctic continent in 1821 and has become an unavoidable consequence of oil spills in our polar regions. Fortunately, many of the organisms indigenous to Polar ecosystems have the ability to degrade pollutants. It is this metabolic capacity that forms the basis for bioremediation as a potential treatment for the hydrocarbons that contaminate the pristine polar environments. The only book to cover the breadth of microbial ecology and diversity in polar regions with an emphasis on bioremediation, **Polar Microbiology: The Ecology, Biodiversity, and Bioremediation Potential of Microorganisms in Extremely Cold Environments** examines the diversity of polar microorganisms and their ability to degrade petroleum hydrocarbon contaminants in polar terrestrial and aquatic environments. Providing a unique perspective of these microorganisms in extremely cold temperatures, the book focuses on their taxonomy, physiology, biochemistry, population structure, bioremediation potential, and potential for biotechnology applications. Leading investigators in the field provide complete coverage of the microbiology relevant to the study of biodiversity and biodegradation of pollutants in the Arctic and Antarctic, including: Microbial extremophiles living in cold and subzero temperature environments Genetics and physiology of cold adaptation of microorganisms Biodegradative microbial consortia in a defined closed environment Molecular characterization of biodegradative microbial populations Molecular approaches to assess biodegradation of petroleum hydrocarbons Environmental impact of hydrocarbon contamination Microbial biodiversity across Antarctic deserts By bringing together the current state of scientific knowledge and research on

microbial community structures in extremely cold temperatures, this thought provoking resource is the ideal starting point for the research that must be done if we are to effectively reduce human's eco-footprint on our polar regions.

Democratization of Expertise

How Cognitive Systems Will Revolutionize Your Life

Routledge We create technology enabling us to do things never before possible and it ultimately changes the way we live, work, play, and interact with each other. Throughout human history, the democratization of technology making a technology available to the masses, has brought about sweeping cultural, social, political, and societal changes. In the last half-century, the democratization of computers, information, the Internet, and social media have revolutionized and transformed our lives. We now stand at the beginning of a new era sure to bring about waves of new revolutions, the cognitive systems era. Until now, humans have done all of the thinking. However, our lives are about to be infused with artificial entities capable of performing high-level cognitive processing previously possible only in the human mind. Systems capable of this kind of "synthetic cognition" will achieve and surpass the level of human experts in almost every field of endeavor. Far from replacing humans, these cognitive systems will be our collaborators, teachers, confidants, colleagues, and companions. The future will belong to those who can better partner with these cognitive systems. Made available to the average person via the Internet, handheld devices, and through ordinary objects all around us, expertise will become democratized. Everything will change when anyone has access to expertise in any field and new things will be possible. The democratization of expertise is the foundation on which our society's revolutions will be built over the next half-century. This book discusses societal and cultural revolutions throughout history brought about by the adoption of new technology and gives brief histories of human cognitive augmentation and artificial intelligence. In the coming cognitive systems era, humans, by collaboratively partnering with cognitive systems, will together achieve expert-level performance—synthetic expertise—with humans performing some of the cognitive processing and cognitive systems performing some. As the capabilities of cognitive systems improve over time, the balance of thinking will shift from being mostly human to mostly artificial. This book introduces the Levels of Cognitive Augmentation to describe this shift. Drawing from previous research in cognitive systems and intelligent agent theory, the knowledge stores required for expertise are identified in a Knowledge Level description of expertise.

This book introduces a new abstract level, called the Expertise Level to describe the skills needed for expertise. Combining the knowledge-level and expertise-level descriptions, this book introduces the Model of Expertise. This book demonstrates use of the Model of Expertise by presenting several synthetic expert architectures: a synthetic teacher (Synthia), a synthetic friend/therapist (Sy), a synthetic elderly companion (Lois), a synthetic research companion (Synclair), and an automated scientific hypothesis explorer (Ashe). This book is intended for anyone interested in the fields of cognitive systems, cognitive computing, cognitive augmentation, or artificial intelligence or the impact of technologies from these fields on society. Anyone doing research and development in the area of cognitive systems or artificial intelligence will find this book particularly useful.

Toxoplasmosis of Animals and Humans

CRC Press **Found worldwide from Alaska to Australasia, *Toxoplasma gondii* knows no geographic boundaries. The protozoan is the source of one of the most common parasitic infections in humans, livestock, companion animals, and wildlife, and has gained notoriety with its inclusion on the list of potential bioterrorism microbes. In the two decades since the publi**

Grazing Ecology and Forest History

CABI **It is a widely held belief that a climax vegetation of closed forest systems covered the lowlands of Central and Western Europe before man intervened in prehistoric times to develop agriculture. If this intervention had not taken place, the forest would still be there, and if left the grassland vegetation and fields now present would revert to a natural closed forest state, although with a reduced number of wild species. This book, which an updated and expanded version of the author's 1997 thesis (presented to the Wageningen University, Netherlands), challenges the traditional view, using examples from history, pollen analyses and studies on the ecology of tree and shrub species such as oak and hazel. It tests the hypothesis that the climax vegetation is a closed canopy forest, against the alternative hypothesis that species composition and vegetational succession were governed by large herbivores, and that the Central and Western European lowlands were covered by a park-like landscape consisting of grasslands, scrub, solitary trees and groves bordered by a mantle and fringe vegetation. Comparative information from the eastern USA is also included throughout the book (this was not present in the thesis), because the forests there are**

commonly regarded as being analogous to the primeval vegetation in Europe. The book is arranged in 7 chapters: (1) General introduction and formulation of the problem; (2) Succession, the climax forest and the role of large herbivores; (3) Palynology, the forest as climax in prehistoric times and the effects of humans; (4) The use of the wilderness from the Middle Ages up to 1900; (5) Spontaneous succession in forest reserves in the lowlands of Western and Central Europe - including examples from France, Germany, Austria, Slovenia, Sweden, Poland; (6) Establishment of trees and shrubs in relation to light and grazing; and (7) Final synthesis and conclusions. Twelve appendices are included giving further information, and there are 67 pages of references and a subject index.

Some Experiences of a Barrister's Life

Notebook Dot to Dot

(Empower Night Edition) Fun Notebook 96 Ruled/lined Pages (5x8 Inches / 12.7x20.3cm / Junior Legal Pad / Nearly A5)

DOT TO DOT NOTEBOOK Keep all your important notes, thoughts, ideas and master plans in this premium 5x8 inch / 12.7 x 20.3cm Dot To Dot Notebook covered with an abstract dotty pattern. The eye catching cover design is complemented by the combination of crisp white lined pages and the lovely to use premium matte cover. This notebook has 96 interior pages made from high quality 55# offset / 90 gsm paper making it ideal for a wide range of note taking pens including fountain pens. The ink used is chlorine-free, and the acid-free interior paper stock is supplied by a Forest Stewardship Council-certified provider. Get your stationery collection noticed with a Quick Witted Coconut notebook. **Notebook highlights:** Notebook type: Paperback Cover: Premium matte finish Size: 5 x 8 inches / 12.7 x 20.3cm / Junior Legal Pad / Nearly A5 Page count: 96 lined white pages Paper quality: 55# offset / 90 gsm Lines: 8mm (Medium lined) Brand: Quick Witted Coconut Category: Abstract There are hundreds of exciting notebook designs

from Quick Witted Coconut to choose from and more are on the way.

Functional Data Analysis with R and MATLAB

Springer Science & Business Media **The book provides an application-oriented overview of functional analysis, with extended and accessible presentations of key concepts such as spline basis functions, data smoothing, curve registration, functional linear models and dynamic systems Functional data analysis is put to work in a wide a range of applications, so that new problems are likely to find close analogues in this book The code in R and Matlab in the book has been designed to permit easy modification to adapt to new data structures and research problems**

Textural Characteristics of World Foods

John Wiley & Sons **A complete guide to the textural characteristics of an international array of traditional and special foods It is widely recognized that texture has an intrinsic relationship to food preference. A full understanding of its functions and qualities is, therefore, of crucial importance to food technologists and product developers, as well as those working towards the treatment of dysphagia. Textural Characteristics of World Foods is the first book to apply a detailed set of criteria and characteristics to the textures of traditional and popular foods from across the globe. Structuring chapters by region, its authors chart a journey through the textural landscapes of each continent's cuisines, exploring the complex and symbiotic relationships that exist between texture, aroma, and taste. This innovative text: Provides an overview of the textural characteristics of a wide range of foods Includes descriptions of textures and key points of flavor release Examines the relationships between the texture, taste, and aroma of each food presented Is structured by geographic region Rich with essential insights and important research, Textural Characteristics of World Foods offers all those working in food science and development a better picture of texture and the multifaceted role it can play.**

Statistical Language and Speech Processing

7th International Conference, SLSP 2019, Ljubljana, Slovenia, October 14–16, 2019, Proceedings

Springer Nature **This book constitutes the proceedings of the 7th International Conference on Statistical Language and Speech Processing, SLSP 2019, held in Ljubljana, Slovenia, in October 2019. The 25 full papers presented together with one invited paper in this volume were carefully reviewed and selected from 48 submissions. They were organized in topical sections named: Dialogue and Spoken Language Understanding; Language Analysis and Generation; Speech Analysis and Synthesis; Speech Recognition; Text Analysis and Classification.**

Britain

Be Fluent in British Life and Culture

Thorogood Publishing **Examines the work and the personalities behind British cultural icons, pulling out the key information in easily digested, entertaining chunks. The culture of everyday life is also revealed, exploring the variation between the English, Scots and Welsh, and dissecting how they approach life; how they eat, socialize, vote, dress and laugh.**

Climate Change

What Everyone Needs to Know

Oxford University Press **"This book offers the most up-to-date examination of climate change's foundational science, implications for our future, and clean energy solutions that can mitigate its effects"--Back cover.**

Poverty

Routledge **Poverty has dire consequences on the ability to fulfil one's aspirations for life. Poverty has strong implications for social cohesion and societies' abilities to function in harmonious ways. This book presents the readers with the core concepts, latest development and knowledge about policies that work to eliminate absolute poverty. This volume shows what the consequences are for the quality of life of those living in poverty. It describes life for people in poverty in general, but also deals more specifically with children, in-work poverty and the elderly, thus providing a life, generational and global perspective on poverty, including the impact on people's happiness levels. The book also discusses policies aimed at poverty reduction, such as changes to the labour market - including the risk of working poor - and shows that there is a variety of possible instruments available to reduce poverty. These range from direct provision of social security to ensuring education and a better functioning labour market. Written in an engaging and accessible style, the book provides a succinct insight into the concept of poverty, how to measure it, the situation of poverty around the globe as well as different types of possible interventions to cope with poverty. Supporting theory with examples and case studies from a variety of contexts, suggestions for further reading, and a detailed glossary, this text is an essential read for anyone approaching the study of poverty for the first time.**

Handbook of Systems and Complexity in Health

Springer Science & Business Media **This book is an introduction to health care as a complex adaptive system, a system that feeds back on itself. The first section introduces systems and complexity theory from a science, historical, epistemological, and technical perspective, describing the principles and mathematics. Subsequent sections build on the health applications of systems science theory, from human physiology to medical decision making, population health and health services research. The aim of the book is to introduce and expand on important population health issues from a systems and complexity perspective, highlight current research developments and their implications for health care delivery, consider their ethical implications, and to suggest directions for and potential pitfalls in the future.**

Understanding Host-Microbiome Interactions - An Omics Approach

Omics of Host-Microbiome Association

Springer **This book offers up-to-date information on different microbiomes, their community composition and interactive functions with the host, bringing together information from diverse research reports to provide an overview of the rapid developments in meta-omics technologies. It is a valuable resource for scientists, researchers, postgraduate and graduate students interested in understanding the impact and importance of next generation sequencing technologies on different hosts and their microbiomes.**

The Theory of Environmental Policy

Cambridge University Press **An analysis of the economic theory of environmental policy and the factors influencing the quality of life. Recent research in environmental economics is incorporated as well as economic incentives for pollution control.**

Zombie Capitalism

Global Crisis and the Relevance of Marx

Haymarket Books **An incisive and devastating critique of capitalism, sounding the alarm that the system poses a threat to human well-being.**

Effectiveness of Disinfecting Wastewater Treatment Plant Discharges: Case of chemical disinfection using performic acid

[IWA Publishing](#) "Cultural aversion to microbes, healthiness or desire for safe bathing, the applications for water disinfection are varied and the technologies used to achieve this goal are numerous. The authors looked at a simple solution to implement: the use of a reagent called performic acid. Consequently, more than two years of applied research, observations and analyzes were necessary to demonstrate its harmlessness towards the natural environment. The strength of the demonstration lies in the cross-vision of many researchers and scientists from different backgrounds who shared their studies and observations. The strength of this testimony also lies in the diversity of the application cases, including notable and sensitive receiving environments as different as the Seine, the Atlantic Ocean or the Venice lagoon. Through its intentions and results, this work is a step, moving forward the 2030 Agenda for Sustainable Development, particularly SDG 6 "clean water and sanitation" relying on the lever of SDG 17 "partnerships for the goals"." Denis Penouel, Deputy CEO in charge of Prospective

Intelligent Information and Database Systems

12th Asian Conference, ACIIDS 2020, Phuket, Thailand, March 23–26, 2020, Proceedings, Part II

[Springer Nature](#) The two-volume set LNAI 12033 and 11034 constitutes the refereed proceedings of the 12th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2020, held in Phuket, Thailand, in March 2020. The total of 105 full papers accepted for publication in these proceedings were carefully reviewed and selected from

285 submissions. The papers of the first volume are organized in the following topical sections: Knowledge Engineering and Semantic Web, Natural Language Processing, Decision Support and Control Systems, Computer Vision Techniques, Machine Learning and Data Mining, Deep Learning Models, Advanced Data Mining Techniques and Applications, Multiple Model Approach to Machine Learning. The papers of the second volume are divided into these topical sections: Application of Intelligent Methods to Constrained Problems, Automated Reasoning with Applications in Intelligent Systems, Current Trends in Artificial Intelligence, Optimization, Learning, and Decision-Making in Bioinformatics and Bioengineering, Computer Vision and Intelligent Systems, Data Modelling and Processing for Industry 4.0, Intelligent Applications of Internet of Things and Data Analysis Technologies, Intelligent and Contextual Systems, Intelligent Systems and Algorithms in Information Sciences, Intelligent Supply Chains and e-Commerce, Privacy, Security and Trust in Artificial Intelligence, Interactive Analysis of Image, Video and Motion Data in Life Sciences.

Birds

Challenges and Opportunities for Business, Conservation and Research

BoD - Books on Demand For many humans, birds are the most fascinating group of animals and they are definitely among the best-known and studied organisms. Thanks to global citizen science data, we know that there are some 50 billion individual birds in the world at present, which is about six birds for every human on the planet. Birds have an important role as indicators of the state of the environment, giving them high public value. Human-related global impacts such as climate changes and accelerating urbanization force extant species to continuous adaptations, population modifications, or even outright extinction. This book includes nine chapters covering such topics as bird genetics, the colour of avian plumage, conservation problems, sustainable hunting, habitat disturbance, range expansion and introductions, and long-term bird population changes and challenges. A key chapter explains the genetic rules and reasons why we have continuously more bird species in the world and why we may end up having 7,000 species more than the present 11,000 species.

Climate Change and Water

The Technical Paper addresses the issue of freshwater. Sealevel rise is dealt with only insofar as it can lead to impacts on freshwater in coastal areas and beyond. Climate, freshwater, biophysical and socio-economic systems are interconnected in complex ways. Hence, a change in any one of these can induce a change in any other. Freshwater-related issues are critical in determining key regional and sectoral vulnerabilities. Therefore, the relationship between climate change and freshwater resources is of primary concern to human society and also has implications for all living species. -- page vii.

The Greatness Factor

Lulu.com

Ames Research Center

Moffett Field, California

Life Cycle Impact Assessment

Springer This book offers a detailed presentation of the principles and practice of life cycle impact assessment. As a volume of the LCA compendium, the book is structured according to the LCIA framework developed by the International Organisation for Standardisation (ISO) passing through the phases of definition or selection of impact categories, category indicators and characterisation models (Classification); calculation of category indicator results (Characterisation); calculating the magnitude of category indicator results relative to reference information (Normalisation); and converting indicator results of different impact categories by using numerical factors based on value-choices (Weighting). Chapter one offers a historical overview of the development of life cycle impact assessment and presents the boundary conditions and the general principles and constraints of characterisation modelling in LCA.

The second chapter outlines the considerations underlying the selection of impact categories and the classification or assignment of inventory flows into these categories. Chapters three through thirteen explore all the impact categories that are commonly included in LCIA, discussing the characteristics of each followed by a review of midpoint and endpoint characterisation methods, metrics, uncertainties and new developments, and a discussion of research needs. Chapter-length treatment is accorded to Climate Change; Stratospheric Ozone Depletion; Human Toxicity; Particulate Matter Formation; Photochemical Ozone Formation; Ecotoxicity; Acidification; Eutrophication; Land Use; Water Use; and Abiotic Resource Use. The final two chapters map out the optional LCIA steps of Normalisation and Weighting.

The Intelligence War

Penetrating the Secret World of Today's Advanced Technology Conflict

The Satsuma Rebellion

An Episode of Modern Japanese History

Analysis of Climate Variability

Applications of Statistical Techniques Proceedings of an

Autumn School Organized by the Commission of the European Community on Elba from October 30 to November 6, 1993

Springer Science & Business Media **This volume has grown from an Autumn School about "Analysis of Climate~ Variability - Applications of Statistical techniques" on Elba in November 1993. We have included those lectures which referred explicitly to applications of statistical techniques in climate science, since we felt that general descriptions of statistical methods, both at the introductory and at advanced level, are already available. We tried to stress the application side, discussing many examples dealing with the analysis of observed data and with the evaluation of model results (Parts I and II). Some effort is also devoted to the treatment of various techniques of pattern analysis (Part III). Methods like teleconnections, EOF, SSA, CCA and POP are becoming routine tools for the climate researcher and it is probably important for graduate students to be exposed to them early in their academic career in a hopefully clear and concise way. A short subject index is included at the end of the volume to assist the reader in the search of selected topics. Rather than attempting to reference every possible occurrence of some topic we have preferred to indicate the page where that topic is more extensively discussed. The Autumn School was part of the training and education activities of the European Programme on Climatology and Natural Hazards (EPOCH), and is continued under the subsequent research programme (ENVIRONMENT 1990-1994). It aimed at students in general, taking first and second year courses at the graduate level.**

The European Iron Age

Routledge **This ambitious study documents the underlying features which link the civilizations of the Mediterranean - Phoenician, Greek, Etruscan and Roman - and the Iron Age cultures of central Europe, traditionally associated with the Celts. It deals with the social, economic and cultural interaction in the first millennium BC which culminated in the Roman Empire. The book has three principle themes: the spread of iron-working from its origins in Anatolia to its**

adoption over most of Europe; the development of a trading system throughout the Mediterrean world after the collapse of Mycenaean Greece and its spread into temperate Europe; and the rise of ever more complex societies, including states and cities, and eventually empires. Dr Collis takes a new look at such key concepts as population movement, diffusion, trade, social structure and spatial organization, with some challenging new views on the Celts in particular.