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Climate Change 2014 – Impacts, Adaptation and Vulnerability: Part B: Regional Aspects: Volume 2, Regional Aspects - Intergovernmental Panel on Climate Change 2014-12-29

This latest Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) will again form the standard reference for all those concerned with climate change and its consequences, including students, researchers and policy makers in environmental science, meteorology, climatology, biology, ecology, atmospheric chemistry and environmental policy.

Language Across the Curriculum & CLIL in English as an Additional Language (EAL) Contexts - Angel M.Y. Lin 2016-09-15

This book will be of interest to a broad readership, regardless of whether they have a background in sociolinguistics, functional linguistics or genre theories. It presents an accessible “meta-language” (i.e. a language for talking about language) that is workable and usable for teachers and researchers from both language and content backgrounds, thus facilitating collaboration across content and language subject panels. Chapters 1 to 3 lay the theoretical foundation of this common meta-language by critically reviewing, systematically presenting and integrating key theoretical resources for teachers and researchers in this field. In turn, Chapters 4 to 7 focus on issues in pedagogy and assessment, and on school-based approaches to LAC and CLIL, drawing on both research studies and the experiences of front-line teachers and school administrators. Chapter 8 provides a critical and reflexive angle on the field by asking difficult questions regarding how LAC and CLIL are often situated in contexts characterized by inequality of access to the linguistic and cultural capitals, where the local languages of the students are usually neglected or viewed unfavourably in relation to the L2 in mainstream society, and where teachers are usually positioned as recipients of knowledge rather than makers of knowledge. In closing, Chapter 9 reviews the state of the art in the field and proposes directions for future inquiry.

A Handbook of Global Freshwater Invasive Species - Robert A. Francis 2012-03-12

Invasive non-native species are a major threat to global biodiversity. Often introduced accidentally through international travel or trade, they invade and colonize new habitats, often with devastating consequences for the local flora and fauna. Their environmental impacts can range from damage to resource production (e.g. agriculture and forestry) and infrastructure (e.g. buildings, road and water supply), to human health. They consequently can have major economic impacts. It is a priority to prevent their introduction and spread, as well as to control them. Freshwater ecosystems are particularly at risk from invasions and are landscape corridors that facilitate the spread of invasives. This book reviews the current state of knowledge of the most

notable global invasive freshwater species or groups, based on their severity of economic impact, geographic distribution outside of their native range, extent of research, and recognition of the ecological severity of the impact of the species by the IUCN. As well as some of the very well-known species, the book also covers some invasives that are emerging as serious threats. Examples covered include a range of aquatic and riparian plants, insects, molluscs, crustacea, fish, amphibians, reptiles and mammals, as well as some major pathogens of aquatic organisms. The book also includes overview chapters synthesizing the ecological impact of invasive species in fresh water and summarizing practical implications for the management of rivers and other freshwater habitats.

Rethinking Disability - Jan W. Valle 2019-02-05

Now in its second edition, *Rethinking Disability* introduces new and experienced teachers to ethical framings of disability and strategies for effectively teaching and including students with disabilities in the general education classroom. Grounded in a disability studies framework, this text’s unique narrative style encourages readers to examine their beliefs about disability and the influence of historical and cultural meanings of disability upon their work as teachers. The second edition offers clear and applicable suggestions for creating dynamic and inclusive classroom cultures, getting to know students, selecting appropriate instructional and assessment strategies, co-teaching, and promoting an inclusive school culture. This second edition is fully revised and updated to include a brief history of disability through the ages, the relevance of current educational policies to inclusion, technology in the inclusive classroom, intersectionality and its influence upon inclusive practices, working with families, and issues of transition from school to the post-school world. Each chapter now also includes a featured “voice from the field” written by persons with disabilities, parents, and teachers.

World Agricultural Supply and Demand Estimates - 2007

Reverse Engineering - A.C. Telea 2012-03-07

Reverse engineering encompasses a wide spectrum of activities aimed at extracting information on the function, structure, and behavior of man-made or natural artifacts. Increases in data sources, processing power, and improved data mining and processing algorithms have opened new fields of application for reverse engineering. In this book, we present twelve applications of reverse engineering in the software engineering, shape engineering, and medical and life sciences application domains. The book can serve as a guideline to practitioners in the above fields to the state-of-the-art in reverse engineering techniques, tools, and use-cases, as well as an overview of open challenges for reverse engineering researchers.

Antimicrobial Stewardship (AMS) - Onder Ergonul 2017-04-12

Antimicrobial Stewardship (AMS), Volume Two includes the experience of ESGAP workshops and courses on antibiotic stewardship since 2012. It combines clinical and laboratory information about AMS, with a focus on human medicine. The ESCMID study group on antibiotic policies (ESGAP) is one of the most productive groups in the field, organizing courses and workshops. This book is an ideal tool for the participants of these workshops. With short chapters (around 1500 words) written on different topics, the authors insisted on the following points: A 'hands on', practical approach, tips to increase success, a description of the most common mistakes, a global picture (out- and inpatient settings, all countries) and a short list of 10-20 landmark references. Focuses on the most recent antimicrobial stewardship strategies Provides a detailed description of laboratory support Offers a balanced synthesis of basic and clinical sciences for each individual case, presenting clinical courses of the cases in parallel with the pathogenesis and detailed microbiological information for each infection Describes the prevalence and incidence of the global issues and current therapeutic approaches Presents the measures for infection control

Managing Water Under Uncertainty and Risk - 2012

In the World Water Development Report (WWDR) series, the WWDR4 represents a milestone. While providing a comprehensive assessment of the world's water resources it also introduces a strong thematic element. Building on the WWDR3 in the recognition of the externalities, the WWDR4 elaborates on the interactions between water and the drivers of change. The WWDR4 describes the major changes, uncertainties, and risks taking place in the world and their links to water resources. It gives account of the status and the trends related to water supplies, uses, management, institutions and financing; highlights regional hotspots, and addresses issues such as gender equality, water-related disasters, health and the role of ecosystems.

Literary Theory - Terry Eagleton 1985

The Challenge of Indigenous Education - Linda King 2004
Includes many case studies

Modern Electrodynamics - Andrew Zangwill 2013

An engaging writing style and a strong focus on the physics make this graduate-level textbook a must-have for electromagnetism students.

Beyond Earth - Asif A. Siddiqi 2018

This is a completely updated and revised version of a monograph published in 2002 by the NASA History Office under the original title Deep Space Chronicle: A Chronology of Deep Space and Planetary Probes, 1958-2000. This new edition not only adds all events in robotic deep space exploration after 2000 and up to the end of 2016, but it also completely corrects and updates all accounts of missions from 1958 to 2000--Provided by publisher.

Disease Control Priorities, Third Edition (Volume 9) - Dean T. Jamison 2017-12-06

As the culminating volume in the DCP3 series, volume 9 will provide an overview of DCP3 findings and methods, a summary of messages and substantive lessons to be taken from DCP3, and a further discussion of cross-cutting and synthesizing topics across the first eight volumes. The introductory chapters (1-3) in this volume take as their starting point the elements of the Essential Packages presented in the overview chapters of each volume. First, the chapter on intersectoral policy priorities for health includes fiscal and intersectoral policies and assembles a subset of the population policies and applies strict criteria for a low-income setting in order to propose a "highest-priority" essential package. Second, the chapter on packages of care and delivery platforms for universal health coverage (UHC) includes health sector interventions, primarily clinical and

public health services, and uses the same approach to propose a highest priority package of interventions and policies that meet similar criteria, provides cost estimates, and describes a pathway to UHC.

Nutrigenetics - Dolores Corella 2018-07-10

This book is a printed edition of the Special Issue "Nutrigenetics" that was published in *Nutrients*
Regulating Private Tutoring for Public Good - Mark Bray 2014

The Development of Working Memory in Children - Lucy Henry 2011-11-04

Electronic Inspection Copy available for instructors here Using the highly influential working memory framework as a guide, this textbook provides a clear comparison of the memory development of typically developing children with that of atypical children. The emphasis on explaining methodology throughout the book gives students a real understanding about the way experiments are carried out and how to critically evaluate experimental research. The first half of the book describes the working memory model and goes on to consider working memory development in typically developing children. The second half of the book considers working memory development in several different types of atypical populations who have intellectual disabilities and/or developmental disorders. In addition, the book considers how having a developmental disorder and/or intellectual disabilities may have separate or combined effects on the development of working memory. The Development of Working Memory in Children is for undergraduate and postgraduate students taking courses in development/child psychology, cognitive development and developmental disorders.

The Limits to Growth - 1975

The Ascent of Water in Trees - Alfred James Ewart 1905

Biostatistics - Wayne W. Daniel 2018-11-13

The ability to analyze and interpret enormous amounts of data has become a prerequisite for success in allied healthcare and the health sciences. Now in its 11th edition, *Biostatistics: A Foundation for Analysis in the Health Sciences* continues to offer in-depth guidance toward biostatistical concepts, techniques, and practical applications in the modern healthcare setting. Comprehensive in scope yet detailed in coverage, this text helps students understand—and appropriately use—probability distributions, sampling distributions, estimation, hypothesis testing, variance analysis, regression, correlation analysis, and other statistical tools fundamental to the science and practice of medicine. Clearly-defined pedagogical tools help students stay up-to-date on new material, and an emphasis on statistical software allows faster, more accurate calculation while putting the focus on the underlying concepts rather than the math. Students develop highly relevant skills in inferential and differential statistical techniques, equipping them with the ability to organize, summarize, and interpret large bodies of data. Suitable for both graduate and advanced undergraduate coursework, this text retains the rigor required for use as a professional reference.

Weapon Systems 2012 - 2011

A Sociology of Special Education (RLE Edu M) - Sally Tomlinson 2012-05-04

At the time of original publication, special education in Britain was permeated by an ideology of benevolent humanitarianism and this is ostensibly the moral framework within which the professionals – teachers, educational psychologists, medical officers – operate. The author widens the debate about special education by introducing sociological perspectives and considering the structural relationships that are produced both

within the system and in the wider society when part of a mass education system develops separately, as 'special' rather than normal. She outlines the origin and development of special education, stressing the conflicts involved and the role played by vested interests, and criticizes the current rhetoric of 'special needs'. Among the issues and dilemmas that she identifies, the problems of selection, assessment, integration and the curriculum for special schools are discussed in details, and the position of parents, pupils and teachers within the system is examined. The author gives particular attention in a separate chapter to the problems and position of ethnic minorities.

Marine & Freshwater Research - 2013

Moscow and Greek Communism, 1944-1949 - Peter J. Stavrakis 1989

Moscow and Greek Communism is the first comprehensive analysis of Soviet conduct in Greece during the most critical period of Greek history in this century—the last months of World War II and the years of the Greek Civil War. Peter J. Stavrakis demonstrates that Soviet policy in Greece was highly mutable and reveals how its shifts were governed by Moscow's changing aims in the Near East generally, Soviet policy toward the Western powers, and the constantly changing Greek political situation. Stavrakis draws on previously inaccessible evidence from Greek Communist archives, recently declassified materials from the U.S. National Archives, documents from British archives, and personal memoirs of former Greek partisans to create the most accurate picture available of developments in the Balkans between 1944 and 1949. He traces the course of Soviet policy, explaining why Stalin vacillated in his attitude toward the armed insurgency of the Greek Communist party (KKE), finally acting in a way that ensured its defeat. Students of Soviet foreign policy will want to consider his thesis that the lessons learned in Greece have continued to guide Soviet interventionism in regions where its capabilities for control are limited.

World Livestock 2011 - Food and Agriculture Organization 2011

Although much has been said about livestock's role in achieving food security, in reality, the subject has been only partially addressed and no current document fully covers the topic. This report is an attempt to fill the gap. It expands the 2009 State of Food and Agriculture (SOFA) section which examined the multiple roles played by livestock in the food security of the poor and advocated for support of smallholders, both in responding to opportunities in livestock production and in finding other opportunities within a broad rural development strategy. Recognizing that food security is central to international development—and to the mandate of the Food and Agriculture Organization of the United Nations (FAO)—the report tells the story of livestock and food security from three perspectives.

Endophytic Fungi - Ahmed M. Abdel Azeem 2022-08-15

Endophytic Fungi: The Full Story of the Untapped Treasure covers the developments in endophytic fungal research from beginning to the end by the eminent researchers involved in the field. It sheds light on the endophytic fungal current research, challenges, and future possibilities, the trending recent topics in the plant-fungal endophytes' biodynamics for sustainable development of bioproducts and its applications are supported in large-scale biosynthesis of industrially and pharmaceutical important biomolecules. The highlights of Endophytic Fungi: The Full Story of the Untapped Treasure are the bioprospecting and applied aspects of endophytic fungi. Practical applications of such endophytes are discussed in detail. Further, it reviews recent strategies on alternative sustainable sources of medicines such as secondary metabolites of fungi instead of over collection of plants under

prohibiting of biodiversity conventions. The uniqueness of the Endophytic Fungi is the inclusion of updated bioinformatics-based strategies and its importance in bioactive molecules produced by endophytic fungi. Endophytic Fungi addresses one of the most eminent issues in this field: "how to translate the potential that endophytic fungi hold in stable practical application." Covers major concepts of plant-fungi interaction, biodiversity of endophytic fungi from diverse and biotechnological applications for sustainable development. Is extensively illustrated and clearly written, using easy-to-understand language, sharing the latest developments and potential of fungal products for various applications. Sheds light on the endophytic fungal current research, challenges, and future possibilities. Serves as a useful reference for policy makers.

Living Color - Nina G. Jablonski 2012-09-27

Living Color is the first book to investigate the social history of skin color from prehistory to the present, showing how our body's most visible trait influences our social interactions in profound and complex ways. In a fascinating and wide-ranging discussion, Nina G. Jablonski begins with the biology and evolution of skin pigmentation, explaining how skin color changed as humans moved around the globe. She explores the relationship between melanin pigment and sunlight, and examines the consequences of rapid migrations, vacations, and other lifestyle choices that can create mismatches between our skin color and our environment. Richly illustrated, this book explains why skin color has come to be a biological trait with great social meaning—a product of evolution perceived by culture. It considers how we form impressions of others, how we create and use stereotypes, how negative stereotypes about dark skin developed and have played out through history—including being a basis for the transatlantic slave trade. Offering examples of how attitudes about skin color differ in the U.S., Brazil, India, and South Africa, Jablonski suggests that a knowledge of the evolution and social importance of skin color can help eliminate color-based discrimination and racism. *Department of Defense Dictionary of Military and Associated Terms* - United States. Joint Chiefs of Staff 1994

BIOS Instant Notes in Analytical Chemistry - David Kealey 2004-08-02

Instant Notes in Analytical Chemistry provides students with a thorough comprehension of analytical chemistry and its applications. It supports the learning of principles and practice of analytical procedures and also covers the analytical techniques commonly used in laboratories today.

Morphology and Computation - Richard William Sproat 1992

This book provides the first broad yet thorough coverage of issues in morphological theory. This book provides the first broad yet thorough coverage of issues in morphological theory. It includes a wide array of techniques and systems in computational morphology (including discussion of their limitations), and describes some unusual applications. Sproat motivates the study of computational morphology by arguing that a computational natural language system, such as a parser or a generator, must incorporate a model of morphology. He discusses a range of applications for programs with knowledge of morphology, some of which are not generally found in the literature. Sproat then provides an overview of some of the basic descriptive facts about morphology and issues in theoretical morphology and (lexical) phonology, as well as psycholinguistic evidence for human processing of morphological structure. He takes up the basic techniques that have been proposed for doing morphological processing and discusses at length various systems (such as DECOMP and

KIMMO) that incorporate part or all of those techniques, pointing out the inadequacies of such systems from both a descriptive and a computational point of view. He concludes by touching on interesting peripheral areas such as the analysis of complex nominals in English, and on the main contributions of Rumelhart and McClelland's connectionism to the computational analysis of words.

Sex, Sexuality and Therapeutic Practice - Catherine Butler 2009-10-26

Sexuality is an important area of clients' lives yet it is often neglected, both in the consulting room and in training. This book examines issues of sexuality in a positive and affirming light and considers how sexuality-related issues can be introduced into therapy and training. Sex and sexuality are important to consider in psychotherapy, psychology, counselling and health provision across a variety of contexts and are relevant to clinicians and therapists working in health and mental health settings as well as in specialist services such as sexual and reproductive health and HIV. Sex, Sexuality and Therapeutic Practice opens with a general discussion of sex and sexuality before considering how the therapists can think and talk about sexuality in practical and self-reflective ways in different circumstances. Each chapter in the book focuses on a specific topic with areas covered including: sexual diversity across the lifespan health and disability sexual and gender minority issues how culture and sexuality interact. The manual provides up-to-date information, further reading, handouts for clients, self-reflective exercises and examples of training exercises for workshops and teaching. It is an essential resource for health professionals, therapists, clinicians, academics and trainers, and will support the practicing therapist as well as those in training.

Root Ecology - Hans de Kroon 2013-06-29

In the course of evolution, a great variety of root systems have learned to overcome the many physical, biochemical and biological problems brought about by soil. This development has made them a fascinating object of scientific study. This volume gives an overview of how roots have adapted to the soil environment and which roles they play in the soil ecosystem. The text describes the form and function of roots, their temporal and spatial distribution, and their turnover rate in various ecosystems. Subsequently, a physiological background is provided for basic functions, such as carbon acquisition, water and solute movement, and for their responses to three major abiotic stresses, i.e. hard soil structure, drought and flooding. The volume concludes with the interactions of roots with other organisms of the complex soil ecosystem, including symbiosis, competition, and the function of roots as a food source.

Protein Folding Protocols - Yawen Bai 2008-02-04

Covering experiment and theory, bioinformatics approaches, and state-of-the-art simulation protocols for better sampling of the conformational space, this volume describes a broad range of techniques to study, predict, and analyze the protein folding process. Protein Folding Protocols also provides sample approaches toward the prediction of protein structure starting from the amino acid sequence, in the absence of overall homologous sequences.

Vital Questions Facing Disability Studies in Education - Scot Danforth 2006

Disability studies in education is a provocative and innovative field of social inquiry that challenges standard ways of thinking about disability in education, practices that serve to exclude disabled people from equal educational opportunity, and policies that support or drive inequality. This book brings together the best disability studies in education scholars to address the pressing questions facing the field. It provides an introduction to the field for the newcomer, a sharp

challenge to the status quo in special and general education, and a map to understanding the serious disability issues confronting education today.

Hot Weather Comfort - 1962

Global Health Risk Framework - National Academies of Sciences, Engineering, and Medicine 2016-05-06
Since the 2014 Ebola outbreak many public- and private-sector leaders have seen a need for improved management of global public health emergencies. The effects of the Ebola epidemic go well beyond the three hardest-hit countries and beyond the health sector. Education, child protection, commerce, transportation, and human rights have all suffered. The consequences and lethality of Ebola have increased interest in coordinated global response to infectious threats, many of which could disrupt global health and commerce far more than the recent outbreak. In order to explore the potential for improving international management and response to outbreaks the National Academy of Medicine agreed to manage an international, independent, evidence-based, authoritative, multistakeholder expert commission. As part of this effort, the Institute of Medicine convened four workshops in summer of 2015 to inform the commission report. The presentations and discussions from the Workshop on Research and Development of Medical Products are summarized in this report.

Climate Change and Water - Intergovernmental Panel on Climate Change / Working Group Technical Support Unit 2008

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.

Endophytic Fungi - Evelyn Hughes 2016-12-01

Endophytic fungi are important biotechnological tools because they produce many secondary metabolites. However, to access this important source of bioactive molecules, it is essential to explore the diversity of endophytic fungi and catalog their species richness in different ecosystems. This book reviews the diversity, characterisation and biocontrol of endophytic fungi.

Practicing Disability Studies in Education, Acting Toward Social Change - David J. Connor 2014-11-27

<I>Practicing Disability Studies in Education: Acting Toward Social Change celebrates the diversity of contemporary work being developed by a range of scholars working within the field of Disability Studies in Education (DSE). The central idea of this volume is to share ways in which educators practice DSE in creative and eclectic ways in order to rethink, reframe, and reshape the current educational response to disability. Largely confined to the limitations of traditional educational discourse, this collective (and growing) group continues to push limits, break molds, assert the need for plurality, explore possibilities, move into the unknown, take chances, strategize to destabilize, and co-create new visions for what can be, instead of settling for what is. Much like jazz musicians who rely upon one another on stage to create music collectively, these featured scholars have been - and continue to - riff with one another in creating the growing body of DSE literature. In sum, this volume is DSE -at work.-"
The Glycemic-Load Diet - Rob Thompson 2006-03-17
A cardiologist's revolutionary weight-loss plan that allows dieters to enjoy good carbs while still losing weight The glycemic index has been the basis of many

popular diets. But it doesn't take into account the serving sizes people actually eat and eliminates too many foods for dieters to stick with it. Now Dr. Robert Thompson's breakthrough program uses the glycemic load--the glycemic index adjusted for serving size--to take the GI a step forward. The glycemic load is a more accurate and effective tool in controlling weight and insulin resistance, allowing dieters to eat more foods while still burning fat, cutting cravings, and speeding up their metabolism. Safe, simple, and scientifically proven, it's the smartest weight-loss plan yet.

Zinc in Human Biology - Colin F. Mills 2013-03-14

The present volume is one of a series concerned with topics considered to be of growing interest to those whose ultimate aim is the understanding of the nutrition of man. Volumes on Sweetness, Calcium in Human Biology and Sucrose: Nutritional and Safety Aspects, have already been published, and another, on Dietary Starches and Sugars in Man: A Comparison, is in preparation.

Written for workers in the nutritional and allied sciences rather than for the specialist, they aim to fill the gap between the textbook on the one hand and the many publications addressed to the expert on the other. The target readership spans medicine, nutrition and the biological sciences generally and includes those in the food, chemical and allied industries who need to take account of advances in these fields relevant to their products. Funded by industry but with an independent status, the International Life Sciences Institute (ILSI) is a non-profit organization founded to deal objectively with the numerous health and safety issues that today concern industry internationally. ILSI sponsors scientific research, organizes conferences and publishes monographs relative to these problems. London Ian Macdonald March 1988 Series Editor Preface This volume has been prepared at a time when interest in both the biological roles of zinc and its nutritional significance is growing rapidly.