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[The Role of Language in Content Pedagogy](#) - Lay Hoon Seah 2022-12-03

This book explores the importance of language in content learning. It focuses on teachers' roles, knowledge and understanding of language in school contexts (including academic language and disciplinary languages) to support students. It examines teachers' language-related knowledge base for content teaching, which include teachers' knowledge of and about language, knowledge of (their) students and their pedagogical knowledge. This book also explores how teachers' knowledge of language, students and content are linked as part of a larger pedagogical content knowledge, which includes knowledge of the role of language in content learning. As well, it further considers literacy (and literacies) as part of this examination of teachers' knowledge of language.

[Geomorphology of Georgia](#) - Levan Tielidze 2018-05-19

This book provides a comprehensive overview of the geomorphology of Georgia. It describes a country characterized by geological, geomorphological and geographical diversities, located in the Caucasus region at the crossroads of Europe and Asia. This book is based on the results of several years of geomorphological studies and research in Georgia, published for the first time in English, and covers a gap in research in the field of world regional geomorphology. The landscapes of Georgia consist of high glacial mountains, medium and high mountains with deeply fragmented features, narrow and deep gorges and canyons, seaside lowlands, volcanic cones, uplands and mountain ranges, intermountain plains, hollows and highlands. The peculiarity of the landscape greatly affects the natural conditions. In several chapters, this book describes the diversity of climate, hydrographic network, vegetation cover, soils, fauna, exogenic processes, natural and anthropogenic landscapes. This volume provides the readers with the opportunity to explore the variety of landscapes and landforms in this diverse and fascinating country through informative texts illustrated with many color maps and photographs. Geomorphology of Georgia appeals to scientists, scholars, teachers and any readers interested in geology, physical geography, geomorphology, tourism and environmental protection. It is a rich resource for field trips and a comprehensive guide for travelers interested in the geomorphology of Georgia.

[Legal Geography](#) - Tayanah O'Donnell 2019-12-06

This book is the first legal geography book to explicitly engage in method. It complements this by also bringing together different perspectives on the emerging school of legal geography. It explores human-environment interactions and showcases distinct environmental legal geography scholarship. *Legal Geography: Perspectives and Methods* is an innovative book concerned with a new relational and material way of examining our legal-spatial world. With chapters examining natural resource management, Indigenous knowledge and political ecology scholarship, the text introduces legal geography's modes of analysis and critique. The book explores topics such as Indigenous environmental rights, the impacts of extractive industries, mediation of climate change, food, animal and plant patents, fossil fuels, mining and coastal environments based on empirical, jurisdictional and methodological insights from Australia, New Zealand and the Asia-Pacific to demonstrate how space and place are invoked in legal processes and contestations, and the methods that may be employed to explore these processes and contestations. This book examines the role of legal geographies in the 21st century beyond the simple "law in action", and it will thus appeal to students of socio-legal studies, human geography, environmental studies, environmental policy, as well as politics and international relations.

[Handbook of Teaching and Learning in Tourism](#) - Pierre Benckendorff 2017-01-27

This comprehensive Handbook provides an international perspective on contemporary issues and future directions in teaching and learning in tourism. Key topics include assurance of learning, development of skills,

learning in the field, work integrated learning, sustainability and critical studies, internationalisation, technology enabled learning, links between teaching and research, and graduate student supervision. Within these topics attention is devoted to the discussion of curriculum, pedagogy, assessment, students, educators and trends and issues. The Handbook provides a valuable resource for understanding teaching and learning theory and practice in tourism.

[Atlas of Knowledge](#) Katy Börner 2015-03-20

The power of mapping: principles for visualizing knowledge, illustrated by many stunning large-scale, full-color maps. Maps of physical spaces locate us in the world and help us navigate unfamiliar routes. Maps of topical spaces help us visualize the extent and structure of our collective knowledge; they reveal bursts of activity, pathways of ideas, and borders that beg to be crossed. This book, from the author of *Atlas of Science*, describes the power of topical maps, providing readers with principles for visualizing knowledge and offering as examples forty large-scale and more than 100 small-scale full-color maps. Today, data literacy is becoming as important as language literacy. Well-designed visualizations can rescue us from a sea of data, helping us to make sense of information, connect ideas, and make better decisions in real time. In *Atlas of Knowledge*, leading visualization expert Katy Börner makes the case for a systems science approach to science and technology studies and explains different types and levels of analysis. Drawing on fifteen years of teaching and tool development, she introduces a theoretical framework meant to guide readers through user and task analysis; data preparation, analysis, and visualization; visualization deployment; and the interpretation of science maps. To exemplify the framework, the Atlas features striking and enlightening new maps from the popular "Places & Spaces: Mapping Science" exhibit that range from "Key Events in the Development of the Video Tape Recorder" to "Mobile Landscapes: Location Data from Cell Phones for Urban Analysis" to "Literary Empires: Mapping Temporal and Spatial Settings of Victorian Poetry" to "Seeing Standards: A Visualization of the Metadata Universe." She also discusses the possible effect of science maps on the practice of science.

[Learning to Teach Geography in the Secondary School](#) - Mary Biddulph 2015-05-20

Learning to Teach Geography in the Secondary School has become the widely recommended textbook for student and new teachers of geography. It helps you acquire a deeper understanding of the role, purpose and potential of geography within the secondary curriculum, and provides the practical skills needed to design, teach and evaluate stimulating and challenging lessons. It is grounded in the notion of social justice and the idea that all students are entitled to a high quality geography education. The very practical dimension provides you with support structures through which you can begin to develop your own philosophy of teaching, and debate key questions about the nature and purpose of the subject in school. Fully revised and updated in light of extensive changes to the curriculum, as well as to initial teacher education, the new edition considers the current debates around what we mean by geographical knowledge, and what's involved in studying at Masters level. Key chapters explore the fundamentals of teaching and learning geography: Why we teach and what to teach Understanding and planning the curriculum Effective pedagogy Assessment Developing and using resources Fieldwork and outdoor learning Values in school geography Professional development Intended as a core textbook and written with university and school-based initial teacher education in mind, *Learning to Teach Geography in the Secondary School* is essential reading for all those who aspire to become effective, reflective teachers. Praise for previous editions of *Learning to Teach Geography in the Secondary School*... 'This is a practical and visionary book, as well as being superbly optimistic. It has as much to offer the experienced teacher as the novice and could be used to reinvigorate geography departments everywhere. Practical activities and ideas are set within a

carefully worked out, authoritative, conceptual framework.' - The Times Educational Supplement 'This is a modern, powerful, relevant and comprehensive work...a standard reference for many beginning teachers on geography initial teacher training courses.' - Educational Review

Development of the Yangtze River Economic Belt in China - Xueqing Jing 2021-04-28

This book focuses on the level of industrial synergy development of the Yangtze River Economic Belt in China. The main contents include: Linkage Development of the Manufacturing and Logistics Industries of the Yangtze River Economic Belt, Cooperative Development of the Information Industry in the Yangtze River Economic Belt, Coordination and Deepening of Agricultural Development in the Yangtze River Economic Belt, Coordinated Development of the Ecological Environment in the Yangtze River Economic Belt, Development of Regional Financial Integration in the Yangtze River Economic Belt, Port Coordinated Development of the Yangtze River Economic Belt, as well as Industrial Division of the Yangtze River Economic Belt.

MasterClass in Geography Education - Graham Butt 2015-01-29

MasterClass in Geography Education provides a comprehensive exploration of the major themes in geography education research and pedagogy, drawing on international research. The editor draws together a variety of professional, academic and practitioner perspectives to support professional development of geography teachers. The book incorporates discussion of the place of subject knowledge in geography, the role and function of research in geography education and the relationship between research and practice. Topics covered include: - research and professional practice - constructing geographical knowledge - ethical considerations - carrying out research projects MasterClass in Geography Education will be essential reading for all studying the teaching and learning of geography on PGCE and Education MEd/MA courses.

The Geographical Sciences During 1986—2015 Shuying Leng 2016-07-28

In four chapters and an introduction, this book systematically helps readers understand the development of the Geographical Sciences both in China and in the world during the past 30 years. Through data analysis of methodologies including CiteSpace, TDA, qualitative analysis, questionnaires, data mining and mathematical statistics, the book explains the evolution of research topics and their driving factors in the Geographical Sciences and its four branches, namely Physical Geography, Human Geography, Geographical Information Science and Environmental Geography. It also identifies the role of the Geographical Sciences in the analysis of strategic issues such as global change and terrestrial ecosystems, terrestrial water cycle and water resources, land change, global cryosphere evolution and land surface processes on the Tibetan Plateau, economic globalization and local responses, regional sustainable development, remote sensing modelling and parameter inversion, spatial analysis and simulation, and tempo-spatial processes and modelling of environmental pollutants. It then discusses research development and inadequacy of Chinese Geographical Sciences in the above-mentioned topics, as well as in the fields including Geomorphology and Quaternary environmental change, Ecohydrology, ecosystem services, the urbanization process and mechanism, medical and health geography, international rivers and transboundary environment and resources, detection and attribution of changes in land surface sensitive components, and uncertainty of spatial information and spatial analysis. It shows that the NSFC has driven the development in all these topics and fields. In addition, the book summarises trends of the Geographical Sciences in China and the research level in major countries of the world through an overview of geographical education in colleges and universities, the analysis of publications, citations and author networks of SCI/SSCI and CSCD indexed articles, and the description of Sino-USA, Sino-UK and Sino-German cooperation. This book serves as an important reference to anyone interested in geographical sciences and related fields.

Methods in Geography Nicholas Clifford 2016-05-17

"Practical, accessible, careful and interesting, this...revised volume brings the subject up-to-date and explains, in bite sized chunks, the 'how's' and 'why's' of modern day geographical study...[It] brings together physical and human approaches again in a new synthesis." —Danny Dorling, Professor of Geography, University of Oxford Key Methods in Geography is the perfect introductory companion, providing an overview of qualitative and quantitative methods for human and physical geography. This Third Edition Features: 12 new chapters representing emerging themes including online, virtual and digital geographical

methods Real-life case study examples Summaries and exercises for each chapter Free online access to full text of Progress in Human Geography and Progress in Physical Geography Progress Reports The teaching of research methods is integral to all geography courses: Key Methods in Geography, Third Edition explains all of the key methods with which geography undergraduates must be conversant.

Handbook of Gentrification Studies - Loretta Lees 2018

It is now over 50 years since the term 'gentrification' was first coined by the British urbanist Ruth Glass in 1964, in which time gentrification studies has become a subject in its own right. This Handbook, the first ever in gentrification studies, is a critical and authoritative assessment of the field. Although the Handbook does not seek to rehearse the classic literature on gentrification from the 1970s to the 1990s in detail, it is referred to in the new assessments of the field gathered in this volume. The original chapters offer an important dialogue between existing theory and new conceptualisations of gentrification for new times and new places, in many cases offering novel empirical evidence.

International Encyclopedia of Human Geography - 2019-11-29

International Encyclopedia of Human Geography, Second Edition embraces diversity by design and captures the ways in which humans share places and view differences based on gender, race, nationality, location and other factors—in other words, the things that make people and places different. Questions of, for example, politics, economics, race relations and migration are introduced and discussed through a geographical lens. This updated edition will assist readers in their research by providing factual information, historical perspectives, theoretical approaches, reviews of literature, and provocative topical discussions that will stimulate creative thinking. Presents the most up-to-date and comprehensive coverage on the topic of human geography Contains extensive scope and depth of coverage Emphasizes how geographers interact with, understand and contribute to problem-solving in the contemporary world Places an emphasis on how geography is relevant in a social and interdisciplinary context

Handbook of Behavioral and Cognitive Geography - Daniel R. Montello 2018

This comprehensive Handbook summarizes existing work and presents new concepts and empirical results from leading scholars in the multidisciplinary field of behavioral and cognitive geography, the study of the human mind, and activity in and concerning space, place, and environment. It provides the broadest and most inclusive coverage of the field so far, including work relevant to human geography, cartography, and geographic information science.

Companion to Environmental Studies - Noel Castree 2018-05-01

Companion to Environmental Studies presents a comprehensive and interdisciplinary overview of the key issues, debates, concepts, approaches and questions that together define environmental studies today. The intellectually wide-ranging volume covers approaches in environmental science all the way through to humanistic and post-natural perspectives on the biophysical world. Though many academic disciplines have incorporated studying the environment as part of their curriculum, only in recent years has it become central to the social sciences and humanities rather than mainly the geosciences. 'The environment' is now a keyword in everything from fisheries science to international relations to philosophical ethics to cultural studies. The Companion brings these subject areas, and their distinctive perspectives and contributions, together in one accessible volume. Over 150 short chapters written by leading international experts provide concise, authoritative and easy-to-use summaries of all the major and emerging topics dominating the field, while the seven part introductions situate and provide context for section entries. A gateway to deeper understanding is provided via further reading and links to online resources. Companion to Environmental Studies offers an essential one-stop reference to university students, academics, policy makers and others keenly interested in 'the environmental question', the answer to which will define the coming century.

Handbook for Teaching and Learning in Geography Helen Walkington 2019-12-27

This exemplary Handbook provides readers with a novel synthesis of international research, evidence-based practice and personal reflections to offer an overview of the current state of knowledge in the field of teaching geography in higher education. Chapters cover the three key transitions - into, through, and out of higher education - to present a thorough analysis of the topic.

American Capitals Christian Montès 2014-01-10

State capitals are an indelible part of the American psyche, spatial

representations of state power and national identity. Learning them by heart is a rite of passage in grade school, a pedagogical exercise that emphasizes the importance of committing place-names to memory. But geographers have yet to analyze state capitals in any depth. In *American Capitals*, Christian Montès takes us on a well-researched journey across America—from Augusta to Sacramento, Albany to Baton Rouge—shedding light along the way on the historical circumstances that led to their appointment, their success or failure, and their evolution over time. While all state capitals have a number of characteristics in common—as symbols of the state, as embodiments of political power and decision making, as public spaces with private interests—Montès does not interpret them through a single lens, in large part because of the differences in their spatial and historical evolutionary patterns. Some have remained small, while others have evolved into bustling metropolises, and Montès explores the dynamics of change and growth. All but eleven state capitals were established in the nineteenth century, thirty-five before 1861, but, rather astonishingly, only eight of the fifty states have maintained their original capitals. Despite their revered status as the most monumental and historical cities in America, capitals come from surprisingly humble beginnings, often plagued by instability, conflict, hostility, and corruption. Montès reminds us of the period in which they came about, “an era of pioneer and idealized territorial vision,” coupled with a still-evolving American citizenry and democracy.

Dynamic Shipping and Port Development in the Globalized Economy - Paul Yae-Woo Lee 2016-04-29

This two volume book presents an in-depth analysis of many of the most important issues facing today's shipping and port sectors. Volume 1 of *Dynamic Shipping and Port Development in the Globalized Economy* focuses on the application of theory to practice in Maritime Logistics.

Reference and Information Services - Kay Ann Cassell 2019-01-04

Designed to complement every introductory library reference course, this is the perfect text for students and librarians looking to expand their personal reference knowledge, teaching failsafe methods for identifying important materials by matching specific types of questions to the best available sources, regardless of format. Guided by a national advisory board of educators and practitioners, this thoroughly updated text expertly keeps up with new technologies and practices while remaining grounded in the basics of reference work. Chapters on fundamental concepts, major reference sources, and special topics provide a solid foundation; the text also offers fresh insight on core issues, including ethics, readers' advisory, information literacy, and other key aspects of reference librarianship; selecting and evaluating reference materials, with strategies for keeping up to date; assessing and improving reference services; guidance on conducting reference interviews with a range of different library users, including children and young adults; a new discussion of reference as programming; important special reference topics such as Google search, 24/7 reference, and virtual reference; and delivering reference services across multiple platforms. As librarians experience a changing climate for all information services professionals, in this book Cassell and Hiremath provide the tools needed to manage the ebb and flow of changing reference services in today's libraries.

Understanding Cultural Geography Jon Anderson 2021-04-07

This book outlines how the theoretical ideas, empirical foci, and methodological techniques of cultural geography make sense of the ‘culture wars’ that define our time. It is on the battleground of culture that our opportunities, rights, and futures are determined and *Understanding Cultural Geography* showcases how this discipline can be used to understand these battles and how we can engage in them. Through doing so, the book not only introduces the reader to the rich and complex history of cultural geography, but also the key terms on which the discipline is built. From these insights, the text approaches place as an ‘ongoing composition of traces’, highlighting the dynamic and ever-changing nature of the world around us, and what our role can be in transforming it for the better. The third edition has been fully revised and updated to incorporate recent literature and reflect the changing cultural context of its time. Retaining its exciting and innovative structure, the third edition will expand its focus into new areas, including updated chapters on ethnicity and race, and new chapters on gender and the body. This new edition captures not only recent changes in the cultural world, but also the discipline itself, offering the most up-to-date text to understand and engage with the cultural battlegrounds which constitute our lives. *Understanding Cultural Geography* is the ideal text for students being introduced to the discipline through either undergraduate or postgraduate degree courses. The third edition is an important update to a highly successful text that incorporates a vast

foundation of knowledge; it is an invaluable book for lecturers and students.

The New Oxford Handbook of Economic Geography - Dariusz Wójcik 2018-01-04

The first fifteen years of the 21st century have thrown into sharp relief the challenges of growth, equity, stability, and sustainability facing the world economy. In addition, they have exposed the inadequacies of mainstream economics in providing answers to these challenges. This volume gathers over 50 leading scholars from around the world to offer a forward-looking perspective of economic geography to understanding the various building blocks, relationships, and trajectories in the world economy. The perspective is at the same time grounded in theory and in the experiences of particular places. Reviewing state-of-the-art of economic geography, setting agendas, and with illustrations and empirical evidence from all over the world, the book should be an essential reference for students, researchers, as well as strategists and policy makers. Building on the success of the first edition, this volume offers a radically revised, updated, and broader approach to economic geography. With the backdrop of the global financial crisis, finance is investigated in chapters on financial stability, financial innovation, global financial networks, the global map of savings and investments, and financialization. Environmental challenges are addressed in chapters on resource economies, vulnerability of regions to climate change, carbon markets, and energy transitions. Distribution and consumption feature alongside more established topics on the firm, innovation, and work. The handbook also captures the theoretical and conceptual innovations of the last fifteen years, including evolutionary economic geography and the global production networks approach. Addressing the dangers of inequality, instability, and environmental crisis head-on, the volume concludes with strategies for growth and new ways of envisioning the spatiality of economy for the future.

The Internet and the Emerging Importance of New Forms of Intellectual Property - Susy Frankel 2016-05-01

The term ‘intellectual property’ has come to include numerous intangible rights beyond the traditional ‘Big Three’ (patent, trademark and copyright) – rights that force us to reconsider and maybe also change the object and purpose of intellectual property (IP). Not only do these rights generally have less solid normative footing and few if any well understood inherent limits, but the borders of their misappropriation are hard to draw. This groundbreaking book scrutinizes the existence of commonalities in this realm, and poses the question of what risks and advantages accrue to such IP or ‘IP-like’ rights. Sixteen distinguished contributors offer in-depth analyses of such rights as the following: - trade secrets; - image and publicity rights; - geographical indications; - traditional knowledge; - protection of databases; and - sports rights and ambush marketing. Recommendations and solutions investigated include the use of specialized courts or judges and of private standards. There are also thoughtful considerations of practices such as forum-shifting and an analysis of the special value of evolving Chinese law as a ‘norm laboratory’. Two chapters discuss the complexities of enforcement. Enforcement impacts substantive intellectual property and can be said to be its own ‘form’ of IP. Practitioners, judges, academics, and policymakers will all welcome this work and value it highly. Its contributors collectively take a giant step toward clarifying and synthesizing one of the most baffling areas of current law both internationally and at national level around the globe.

Current Topics in Czech and Central European Geography Education - Petra Karvánková 2016-10-19

This book discusses current challenges related to teaching geography, mainly at the secondary school and higher education level. Focusing on a range of current topics, different methods, techniques, materials, applications, and approaches to geography education with a regional Central European perspective, the book makes an original contribution to the field. Most of the chapters aims at the practical development of the themes such as geography curriculum (Part I), global education, inquiry-based education, project-based learning, case studies, powerful teaching (Part II), using of information and communication technologies (Part III) in geography teaching. The final part (Part IV) covers some geopolitical, and socio-geographical aspects of the aforementioned Central European former communist countries from the point of view how to teach them with various methods. Therefore, the book can appeal to many geography or science students, researchers and educators studying geography education around the world.

The Oxford Handbook of International Security - Alexandra Gheciu 2018-03-08

This Oxford Handbook is the definitive volume on the state of international security and the academic field of security studies. It provides a tour of the most innovative and exciting news areas of research as well as major developments in established lines of inquiry. It presents a comprehensive portrait of an exciting field, with a distinctively forward-looking theme, focusing on the question: what does it mean to think about the future of international security? The key assumption underpinning this volume is that all scholarly claims about international security, both normative and positive, have implications for the future. By examining international security to extract implications for the future, the volume provides clarity about the real meaning and practical implications for those involved in this field. Yet, contributions to this volume are not exclusively forecasts or prognostications, and the volume reflects the fact that, within the field of security studies, there are diverse views on how to think about the future. Readers will find in this volume some of the most influential mainstream (positivist) voices in the field of international security as well as some of the best known scholars representing various branches of critical thinking about security. The topics covered in the Handbook range from conventional international security themes such as arms control, alliances and Great Power politics, to "new security" issues such as global health, the roles of non-state actors, cyber-security, and the power of visual representations in international security. The Oxford Handbooks of International Relations is a twelve-volume set of reference books offering authoritative and innovative engagements with the principal sub-fields of International Relations. The series as a whole is under the General Editorship of Christian Reus-Smith of the University of Queensland and Duncan Snidal of the University of Oxford, with each volume edited by a distinguished pair of specialists in their respective fields. The series both surveys the broad terrain of International Relations scholarship and reshapes it, pushing each sub-field in challenging new directions. Following the example of the original Reus-Smit and Snidal The Oxford Handbook of International Relations, each volume is organized around a strong central thematic by a pair of scholars drawn from alternative perspectives, reading its sub-field in an entirely new way, and pushing scholarship in challenging new directions.

CAA2014: 21st Century Archaeology F. Giligny 2015-03-31

This volume brings together a selection of papers proposed for the Proceedings of the 42nd Computer Applications and Quantitative Methods in Archaeology conference (CAA), hosted at Paris 1 Pantheon-Sorbonne University from 22nd to 25th April 2014.

Practicing Qualitative Methods in Health Geography Nancy E. Fenton 2016-07-15

Health geographers are increasingly turning to a diverse range of interpretative methodologies to explore the complexities of health, illness, space and place to gain more comprehensive understandings of well-being and broader social models of health and health care. Drawing upon postmodernism, many health geographers are concerned with issues of representation, the body and health care policy. Also related to an emphasis on the body is the growing literature in feminist health geography that investigates the metaphorical, physical and emotional challenges of the body and disease. Reflecting these interests, the chapters in this book set out the host of creative qualitative methods being used to explore the psychosocial experiences of individuals more directly, using such traditional methods as in-depth interviews and group discussions, participant observation, diaries and discourse analysis, but also more novel techniques such as 'go-along interviews', reflexive writing, illustrations, and photographic techniques. There are several areas of qualitative research unique to geographers which figure prominently in this volume including: health and place, comparative case study analysis, and qualitative approaches to the use of geographic information systems (GIS). This collection brings together a wide range of empirical concerns related to questions of health and shines a light on the diversity of qualitative methods in practice. Illustrating how qualitative methodologies are used in diverse health contexts this book fills an important niche for health geographers but will have wide appeal to health and geographic researchers.

Geography of Small Islands Beate M.W. Ratter 2017-12-20

This book is dedicated to the study of the islands and their role in a globalised world. Beside Coastal or Oceanic/Marine Geography, there is little comprehensive material about the speciality of small island geography so far. This volume aims to bridge natural, social and cultural science perspectives. In Geography of Small Islands readers learn about the physical development of islands, their cultural and political importance, as well as their economic particularities. This book appeals

to researchers, students and scholars with an interest in the special characteristics in spatialities of islands.

International Handbook on Transport and Development - R. Hickman 2015-08-28

In the last forty years or so the research field exploring the relationship and interaction between transport and development has developed rapidly. While sophistication in analysis has increased, understanding the effective integration of transport and development often remains poor in theory and in practice - with sometimes devastating effects. This Handbook provides a comprehensive analysis of both the current and emerging thinking in this field, drawing on multidisciplinary thinking in transport planning, transport, urban and spatial economics, and the wider social sciences. With 45 chapters from leading international authors, the book is organised around three main themes: urban structure and travel; transport and spatial impacts; wider dimensions in transport and development. The chapters each present commentary on key issues within these themes, presenting the debate on the impacts of urban structure on travel, the impacts of transport investment on development, and social and cultural change on travel. A multitude of competing inter-disciplinary perspectives are considered - leaving the reader with an invaluable comprehensive and critical understanding of the field. This major Handbook will serve as a guide for undergraduates and graduate students, researchers, consultants, and also practitioners and policy makers, wishing to find a comprehensive and original reference to research on transport and development.

International Encyclopedia of Geography, 15 Volume Set - Noel Castree 2017-03-20

Representing the definitive reference work for this broad and dynamic field, The International Encyclopedia of Geography arises from an unprecedented collaboration between Wiley and the American Association of Geographers (AAG) to review and define the concepts, research, and techniques in geography and interrelated fields. Available as a robust online resource and as a 15-volume full-color print set, the Encyclopedia assembles a truly global group of scholars for a comprehensive, authoritative overview of geography around the world. Contains more than 1,000 entries ranging from 1,000 to 10,000 words offering accessible introductions to basic concepts, sophisticated explanations of complex topics, and information on geographical societies around the world Assembles a truly global group of more than 900 scholars hailing from over 40 countries, for a comprehensive, authoritative overview of geography around the world Provides definitive coverage of the field, encompassing human geography, physical geography, geographic information science and systems, earth studies, and environmental science Brings together interdisciplinary perspectives on geographical topics and techniques of interest across the social sciences, humanities, science, and medicine Features full color throughout the print version and more than 1,000 illustrations and photographs Annual updates to online edition

Urban-Rural Transformation Geography - Yansui Liu 2021-10-25

This book attempts to introduce the theory of system science and engineering technology into the geographic research of urban-rural transformation, reveals the level-structure-function of urban-rural transformation, and promotes the scientific research on urban-rural transformation. Focusing on the systematic diagnosis of new-type urbanization, urban-rural land use, industrial structure transformation and public facilities allocation, this book explores the long-term mechanism, innovative model, and scientific way of urban-rural land optimal allocation and spatial reconstruction and develops urban-rural transformation geography. In terms of the contents, the book constructs the theory and method system of urban-rural transformation geography, analyzes the process, pattern, mechanism, and response of urban-rural transformation, reveals the evolution characteristics, types, and regional differences of urban-rural regional system, and finally puts forward the optimal decision-making of urban-rural transformation. This book not only provides references for graduate and researchers in geography, regional development, urban and rural planning, resource science, environmental science, human-earth system science, sustainability science, and other related fields but also guides the decision-making of planners and government officials.

The Routledge Handbook of Methodologies in Human Geography Sarah A. Lovell 2022-10-18

The Routledge Handbook of Methodologies in Human Geography is the defining reference for academics and postgraduate students seeking an advanced understanding of the debates, methodological developments and methods transforming research in human geography. Divided into

three sections, Part I reviews how the methods of contemporary human geography reflect the changing intellectual history of human geography and events both within human geography and society in general. In Part II, authors critically appraise key methodological and theoretical challenges and opportunities that are shaping contemporary research in various parts of human geography. Contemporary directions within the discipline are elaborated on by established and emerging researchers who are leading ontological debates and the adoption of innovative methods in geographic research. In Part III, authors explore cross-cutting methodological challenges and prompt questions about the values and goals underpinning geographical research work, such as: Who are we engaging in our research? Who is our research 'for'? What are our relationships with communities? Contributors emphasize examples from their research and the research of others to reflect the fluid, emotional and pragmatic realities of research. This handbook captures key methodological developments and disciplinary influences emerging from the various sub-disciplines of human geography.

Learning Progressions in Geography Education - Osvaldo Muñiz Solari 2016-07-30

This book informs an international audience of teachers, scholars and policymakers about the development of learning progressions for primary and secondary geography education in various countries and regions of the world. The book represents an important contribution to learning progressions research and practice. The different chapters explore how curriculum standards and frameworks in different countries portray progress and sophistication in the learning of geography. The book compares educational systems and how teachers and curriculum developers use the concept of "learning progression" to guide educational practices. As an approach to educational research, learning progressions offer considerable potential for understanding how children develop understanding of geographic concepts and practices across grade bands and in relation to national geography standards. The book analyzes the general conditions of learning progressions within the context of a globalized world. Important themes are addressed such as: knowledge acquisition in formal education; measuring learning progressions in informal settings; learning progressions for one curriculum standard or several standards; conditions to assess progression in the learning of facts, concepts, and skills; and multiple pathways for understanding or learning geography. The contributing authors are experienced scientists in the field from all around the world giving specific insights into the practices of their countries. The book appeals to K-12 teachers, school administrators, policymakers, researchers in geography education, professors and lecturers at universities around the world.

Debates in Geography Education - Mark Jones 2017-09-07

Debates in Geography Education encourages early career teachers, experienced teachers and teacher educators to engage with and reflect on key issues, concepts and debates. It aims to enable readers to reach their own informed judgements with deeper theoretical knowledge and understanding. The second edition is fully updated in light of the latest research, policy and practice in the field, as well as key changes to the curriculum and examination specifications. Expert contributors provide a range of perspectives on international, historical and policy contexts in order to deepen our understanding of significant debates in geography education. Key debates include: geography's identity as an academic discipline; what constitutes knowledge in geography; places and regional geography; what it means to think geographically; constructing the curriculum; how we link assessment to making progress in geography; the contribution of fieldwork and outdoor experiences; technology and the use of Geographical Information; school geography and employability; understanding the gap between school and university geography; evidence-based practice and research in geography education. The comprehensive, rigorous coverage of these key issues, together with carefully annotated selected further reading, will help support and shape further research and writing. Debates in Geography Education is a key resource that is essential reading for all teachers and researchers who wish to extend their grasp of the place of geography in education. Mark Jones is Senior Lecturer in Education at the University of the West of England, Bristol, UK David Lambert is Professor of Geography Education at UCL Institute of Education, London, UK

Digital Social Networks and Travel Behaviour in Urban Environments - Pnina O. Plaut 2019-10-17

This book brings together conceptual and empirical insights to explore the interconnections between social networks based on Information and Communication Technologies (ICT) and travel behaviour in urban

environments. Over the past decade, rapid development of ICT has led to extensive social impacts and influence on travel and mobility patterns within urban spaces. A new field of research of digital social networks and travel behaviour is now emerging. This book presents state-of-the-art knowledge, cutting-edge research and integrated analysis methods from the fields of social networks, travel behaviour and urban analysis. It explores the challenges related to the question of how we can synchronize among social networks activities, transport means, intelligent communication/information technologies and the urban form. This innovative book encourages multidisciplinary insights and fusion among three disciplines of social networks, travel behaviour and urban analysis. It offers new horizons for research and will be of interest to students and scholars studying mobilities, transport studies, urban geography, urban planning, the built environment and urban policy.

Transport, Mobility, and the Production of Urban Space - Julie Cidell 2015-05-01

The contemporary urban experience is defined by flow and structured by circulating people, objects, and energy. Geographers have long provided key insights into transportation systems. But today, concerns for social justice and sustainability motivate new, critical approaches to mobilities. Reimagining the city prompts an important question: How best to rethink urban geographies of transport and mobility? This original book explores connections - in theory and practice - between transport geographies and "new mobilities" in the production of urban space. It provides a broad introduction to intersecting perspectives of urban geography, transport geography, and mobilities studies on urban "places of flows." Diverse, international, and leading-edge contributions reinterpret everyday intersections as nodes, urban corridors as links, cities and regions as networks, and the discourses and imaginaries that frame the politics and experiences of mobility. The chapters illuminate nearly all aspects of urban transport, from street regulation and roadway planning, intended and "subversive" practices of car and truck drivers, planning and promotion of mass transit investments, and the restructuring of freight and logistics networks. Together these offer a unique and important contribution for social scientists, planners, and others interested in the politics of the city on the move.

Mastering Primary Geography - Anthony Barlow 2019-06-27

Mastering Primary Geography introduces the primary geography curriculum and helps trainees and teachers learn how to plan and teach inspiring lessons that make learning geography irresistible. Topics covered include: · Current developments in geography · Geography as an irresistible activity · Geography as a practical activity · Skills to develop in geography · Promoting curiosity · Assessing children in geography · Practical issues This guide includes examples of children's work, case studies, readings to reflect upon and reflective questions that all help to show students and teachers what is considered to be best and most innovative practice, and how they can use that knowledge in their own teaching to the greatest effect. The book draws on the experience of two leading professionals in primary geography, Anthony Barlow and Sarah Whitehouse, to provide the essential guide to teaching geography for all trainee and qualified primary teachers.

Evolutionary Economic Geography - Dieter Kogler 2017-10-02

Economic geographers increasingly consider the significance of history in shaping the contemporary socio-economic landscape, and increasingly believe that experiences and competencies, acquired over time by individuals and entities in particular localities, to a large degree determine present configurations as well as future regional trajectories. Attempts to trace, understand, and investigate the pathways from past to present have given rise to the thriving and exciting sub-field of Evolutionary Economic Geography (EEG). EEG highlights the important factors that initiate, inhibit, or consolidate the contextual settings and relationships in which regions and their respective agents, which comprise and shape economic activity and social reproduction, change over time. It has at its core the production and destruction of novelty in space, and the links between innovation and regional economic fortunes. The creation of knowledge, its movement and recombination within different regional ensembles of economic agents and institutions plays a critical role in the evolution of the space-economy. EEG provides a framework to disentangle the complexity of technological change and regional economic development based on a variety of theoretical and methodological approaches. In only a short time, EEG has established itself as a promising and rapidly evolving research framework with its focus on the driving forces of regional development across various scales and its attempt to translate findings into public policy. This book advances the theoretical foundations of EEG, and demonstrates how EEG

utilises and operationalises conceptual frameworks, both established and new. Contributions also point to future research avenues and extensions of EEG, attempting to build stronger ties between theory, empirical evidence, and relevance to policy. This book was originally published as a special issue of *Regional Studies*.

Learning Primary Geography - Susan Pike 2015-12-22

Learning Primary Geography: Ideas and inspiration from classrooms celebrates children's learning in primary geography. It is a book for all student and practising teachers who would like children to learn about their world in an enjoyable and stimulating way. Every page presents inspiring examples of children's learning, and explains how and why creative approaches such as enquiry learning, learning outside the classroom, and using imaginative resources work so well in primary geography. Using illustrated case studies from a range of schools and classrooms, each chapter showcases the fantastic work all children can do in primary geography. The book explores a wide variety of geographical learning, with chapters focusing on key aspects of the subject, including: primary geography through the school grounds topical geography through issues and events learning about places in primary geography children's agency and action through primary geography Throughout the chapters, the role of primary geography in helping children develop all types of literacies, including spatial, critical and digital literacies, is explored. Written by a highly experienced teacher and lecturer in education, Learning Primary Geography is underpinned and illustrated by examples from a wide range of primary classrooms. It will be a source of support, guidance and inspiration for all those teaching geography in the primary school.

Textbooks and Educational Media: Perspectives from Subject Education - Péter Bagoly-Simó 2021-08-05

This book brings together empirical research and conceptual work on textbooks and education media from 13 countries and 17 disciplines. Along with textbook production, usage, and development, it also explores the interconnectedness of (educational) policy and teaching and learning materials. Further, the book offers insights into regional and local discourses (e.g. specific theories of Portuguese- and Spanish-speaking countries as well as Nordic countries, contrasting their theories with international literature), practices, and solutions with regard to teaching selected subjects at the pre-primary, primary, secondary, and tertiary level. This book also discusses the specific combinations of subjects (e.g. Physics, Biology, Geography, Swedish, English) and their subject-specific education (e.g. Physics Education or Didactics). Lastly, it examines the work of a number of early-career researchers, giving them a voice and bringing in fresh ideas currently being developed in various countries around the globe. This proceedings volume will appeal to publishers, subject educators in primary, secondary, and tertiary education, and academic researchers from the fields of textbooks, educational media

and subject-specific education. Its international authorship and explicit focus on subject-specific particularities of educational media provide a unique and comprehensive overview.

Geography Meets Gendlin - Janet Banfield 2016-09-29

This book makes a timely and engaging contribution to geography's resurgent interest in art and artistic practice, as well as to growing geographical concerns with embodied or pre-reflective experience. It introduces Eugene Gendlin's philosophical and methodological work to stimulate geographical thinking and practice, and explores its disciplinary potential through innovative practice-based research into artistic spatial experience. Gendlin's philosophy and techniques for articulating the pre-reflective are explained and illustrated using artists' accounts of their practices, both retrospectively and during their practice. The geographical implementation of research methods informed by those techniques is detailed and critiqued. Diverse and potentially contradictory findings, and potentially problematic methodological choices, are discussed, accounted for, and reframed through Gendlin's ideas. Significant geographical potential within Gendlin's work—philosophical, conceptual and methodological—is identified and described, and avenues and challenges for further investigation are highlighted. This first step towards a Gendlin-informed geography invites further engagement with his work.

Debating the Neoliberal City - Gilles Pinson 2017-04-21

The concept of the neoliberal city has become a key structuring analytical framework in the field of urban studies. It explains both the ongoing transformation of urban policies and the socio-spatial effects of these policies within cities and highlights the prominent role of cities in a new geography of capitalism. Bringing together a team of leading scholars, this book challenges the neoliberal city thesis. It argues that the definition of neoliberalization may be more complex than it seems, resulting in over-simplified explanations of some processes, such as the rise of metropolitan governments or the importance given to urban economic development policies or gentrification. As a structuralist and macro-level theory, the "neoliberal city" does not shed light upon micro-level processes or identify and analyze actors' logics and practices. Finally, the concept is profoundly influenced by the historical trajectories of the United Kingdom and the United States, and the generalization of this experience to other contexts often leads to a kind of academic ethnocentrism. This book argues that, on its own, the current conceptualizations of neoliberalization are insufficient. Instead, it should be analyzed alongside other transformative processes in order to provide an analytical framework to explain the variety of processes of change, motivations and justifications too easily labelled as urban neoliberalism. This unique and critical contribution will be essential reading for students and scholars alike working in Human Geography, Urban Studies, Economics, Sociology and Public Policy.