

Research In Geography

This book brings together recent papers which make important contributions to understanding and developing primary geography. It considers primary teachers' and trainee teachers' knowledge of geography; how the primary curriculum uses geography; teachers' planning of geography teaching; the way in which aspects of geography are taught; what high quality geography might look like; and children's geographical understanding and voices. Though geography curricula change quite often in countries around the world, the core matters noted above remain of constant and vital importance. The papers in this book either concern research with primary teachers and children, or consider key concerns in primary geography, providing important perspectives for thinking about future developments in geography teaching and curriculum initiatives in primary schools. This is a stimulating and enticing collection written by leading exponents of, and experts in, primary geography education. This book was originally published as a special issue of *Education 3-13*.

Following the successful first edition, this revised and updated book continues to provide students with a detailed guide to the planning and procedures they must consider when preparing dissertations in geography, environmental science and geology. Written by well-respected authors in the field, it takes new sources, improved technology in production of the dissertation, and changes in teaching style into account. Guiding the reader through each stage in the process, it deals with many of the common concerns and issues involved in dissertation writing, ranging from deciding which topic to work on, through research design and data collection, to handing in the final bound volume. With an extended consideration of different types of data (qualitative, quantitative and spatial) and a broad reflection on different approaches to problem solving, this useful text suggests practical ways of dealing with the tasks involved, locates the common pitfalls associated with each, and helps readers write the best dissertation possible.

This book offers a comprehensive, accessible, and practical guide on how to conduct qualitative research in human geography. Enhanced and greatly expanded by nine new chapters, the latest edition shows students how to plan, conduct, interpret, and communicate qualitative research.

The International Encyclopedia of Human Geography provides an authoritative and comprehensive source of information on the discipline of human geography and its constituent, and related, subject areas. The encyclopedia includes over 1,000 detailed entries on philosophy and theory, key concepts, methods and practices, biographies of notable geographers, and geographical thought and praxis in different parts of the world. This groundbreaking project covers every field of human geography and the discipline's relationships to other disciplines, and is global in scope, involving an international set of contributors. Given its broad, inclusive scope and unique online accessibility, it is anticipated that the International Encyclopedia of Human Geography will become the major reference work for the discipline over the coming decades. The Encyclopedia will be available in both limited edition print and online via ScienceDirect - featuring extensive browsing, searching, and internal cross-referencing between articles in the work, plus dynamic linking to journal articles and abstract databases, making navigation flexible and easy. For more information, pricing options and availability visit http://info.sciencedirect.com/content/books/ref_works/coming/ Available online on ScienceDirect and in limited edition print format Broad, interdisciplinary coverage across human geography: Philosophy, Methods, People, Social/Cultural, Political, Economic, Development, Health, Cartography, Urban, Historical, Regional Comprehensive and unique - the first of its kind in human geography

This text provides a broad and integrative introduction to the conduct and interpretation of scientific research in geography. It covers both conceptual and technical aspects, and is applicable to all topical areas in geographic research, including human and physical geography, and geographic information science. The text discusses all parts of the research process, including scientific philosophy; basic research concepts; generating research ideas; communicating research and using library resources; sampling and research design; quantitative and qualitative data collection; data analysis, display, and interpretation; reliability and validity; using geographic information techniques in research; and ethical conduct in research.

Researching Human Geography is an essential new text for any geography student about to embark on a research project. An understanding of how different theories of knowledge have influenced research methodologies is crucial in planning and designing effective research; this book makes this link clear and explores how various philosophical positions, from positivism to post-structuralism, have become associated with particular methodologies. The book gives an overview of a wide range of methods and data collection, both quantitative and qualitative, and explores their strengths and weaknesses for different kinds of research. 'Researching Human Geography' also looks at the various techniques available for the analysis of data, which is presented as an integral and ongoing part of the research process. Clearly written, with extensive use of examples from previous research to show 'methodology in action', this new text is an invaluable addition to both the theory and method of research in human geography.

The process of learning qualitative research has altered dramatically and this Handbook explores the growth, change, and complexity within the topic and looks back over its history to assess the current state of the art, and indicate possible future directions. Moving beyond textbook rehearsals of standard issues, the book examines key methodological debates and conflicts, approaching them in a critical, discursive manner.

?Filling an enormous gap in the geographic literature, here is a terrific book that shows us how to think about and practice human geographic research? - Professor Jennifer Wolch, University of Southern California `Practising Human Geography lucidly, comprehensively, and sometimes passionately shows why methodology matters, and why it is often so hard. To choose a method is to choose the kind of geographical values one wants to uphold. You need to get it right. These authors do? - Trevor Barnes, University of British Columbia `Practising Human Geography is a godsend for students. Written in an accessible and engaging style, the book demystifies the study of geographical methodology, offering a wealth of practical advice from the authors' own research experience. This is not a manual of approved geographical techniques. It is a reflexive, critical and highly personal account, combining historical depth with up-to-the-minute examples of research in practice. Practising Human Geography is a comprehensive and theoretically informed introduction to the practices of fieldwork, data collection, interpretation and writing, enabling students to make sense of their own data and to develop a critical perspective on the existing literature. The book makes complicated ideas approachable through the effective use of case studies and a firm grasp of contemporary debates? - Peter Jackson, Professor of Human Geography, University of Sheffield Practising Human Geography is a critical

introduction to key issues in the practice of human geography, informed by the question 'how do geographers do research?' In examining those methods and practices that are essential to doing geography, the text presents a theoretically-informed discussion of the construction and interpretation of geographical data - including: the use of core research methodologies; using official and non-official sources; and the interpretative role of the researcher. Framed by an overview of how ideas of practising human geography have changed, the twelve chapters offer a comprehensive and integrated overview of research methodologies. The text is illustrated throughout with text boxes, case studies, and definitions of key terms. Practising Human Geography will introduce geographers - from undergraduate to faculty - to the core issues that inform research design and practice.

This Companion provides an authoritative source for scholars and students of the nascent field of media geography. While it has deep roots in the wider discipline, the consolidation of media geography has started only in the past decade, with the creation of media geography's first dedicated journal, *Aether*, as well as the publication of the sub-discipline's first textbook. However, at present there is no other work which provides a comprehensive overview and grounding. By indicating the sub-discipline's evolution and hinting at its future, this volume not only serves to encapsulate what geographers have learned about media but also will help to set the agenda for expanding this type of interdisciplinary exploration. The contributors-leading scholars in this field, including Stuart Aitken, Deborah Dixon, Derek McCormack, Barney Warf, and Matthew Zook-not only review the existing literature within the remit of their chapters, but also articulate arguments about where the future might take media geography scholarship. The volume is not simply a collection of individual offerings, but has afforded an opportunity to exchange ideas about media geography, with contributors making connections between chapters and developing common themes.

This critical introduction to consumption and its geographies provides an engaged summary of the consumption literature and demonstrates that consumption is intimately related to the production of space in everyday life. In *Geographies of Consumption* Juliana Mansvelt provides readers with a detailed explanation of political-economic and social-cultural perspectives on consumption at different scales. She opens with overview chapters on the history and conceptualisation of consumption and moves on to thematic chapters on consumption spaces; the body and identity; commodity chains; globalization commercial cultures. The text is illustrated throughout with comparative case study-material and features boxes and annotated notes for further reading. A review of consumption from a spatial perspective, this critical analysis of the key debates is the first synoptic overview in the geographic literature. *Geographies of Consumption* will be widely used in modules in economic and social geography, and should be the core text for those with a focus on consumption

This comprehensive textbook offers a conceptual and practical introduction to research methodology, data collection, and techniques used in both human and physical geography. Explores a full range of contemporary geographic techniques, including statistics, mathematical analysis, GIS, and remote sensing Unique in both content and organization, it brings together a team of internationally recognized specialists to create a balanced approach between physical geography, human geography, and research techniques Includes a series of foundational chapters offering multiple perspectives on the central questions in research methods Examines the conceptual frameworks and practical issues behind data acquisition and analysis, and how to interpret results Includes explanations of key terminology and exercises throughout

"Its range is far broader than the majority of methods texts, being concerned with both human and physical geography... Given the seriousness with which Key Methods in Geography approaches all aspects of research, it will continue to find wide favour among undergraduate geographers." - Times Higher Education Textbook Guide "All geographers, whatever their interest, need to do research. This book will help them get started in the best possible way, with thoughtful advice on everything from project design, through choice of methods, to data analysis and presentation. The editors have assembled an impressive array of authors, all experts in their chosen field." - Tim Burt, University of Durham "Excellent book. Valuable teaching aid. Well written and covers a wide range of methods thoroughly." - Sue Rodway-Dyer, Exeter University "This is an excellent book and deals with a number of topics (which I teach) outside of the tutorial module where it is a recommended text for geographers. A very useful textbook throughout a 3 year Geography programme." - Ian Harris, Bangor University Key Methods in Geography is an introduction to the principal methodological issues involved in the collection, analysis and presentation of geographical information. It is unique in the reference literature for providing an overview of qualitative and quantitative methods for human and physical geography. An accessible primer, it will be used by students as a reference throughout their degree, on all issues from research design to presentation. This second edition has been fully revised and updated and includes new chapters on internet mediated research, diaries as a research method, making observations and measurements in the field, and the analysis of natural systems. Organized into four sections: Getting Started in Geographical Research; Generating and Working with Data in Human Geography; Generating and Working with Data in Physical Geography; Representing and Interpreting Geographical Data; each chapter comprises: A short definition A summary of the principal arguments A substantive 5,000-word discussion Use of real-life examples Annotated notes for further reading. The teaching of research methods is integral to all geography courses: Key Methods in Geography, 2nd Edition explains all of the key methods with which geography undergraduates must be conversant.

Reading this book is your first step to becoming a competent human geography researcher. Whether you are a novice needing practical help for your first piece of research or a professional in search of an accessible guide to best practice, *Conducting Research in Human Geography* is a unique and indispensable book to have at hand. The book provides a broad overview of theoretical underpinnings in contemporary human geography and links these with the main research methodologies currently being used. It is designed to guide the user through the complete research process, whether it be a one day field study or a large project, from the nurturing of ideas and development of a

proposal, to the design of an enquiry, the generation and analysis of data, to the drawing of conclusions and the presentation of findings.

Significant changes have occurred in the structural composition and geographical distribution of the populations of North West European countries during the 1970's and 1980's. Whilst the subject matter of this volume reflects many of the important themes of research activity that have preoccupied British and Dutch spatial demographers and population geographers over the last decade, the structure of the book aims to facilitate comparison of those selected themes between the United Kingdom and the Netherlands. The book has gradually taken shape over the period of time since the conference in Oxford, in 1986, when the contents were first presented. We are very grateful for the assistance that we have received during the production process from Marjie Salisbury, Tim Hadwin and John Dixon at the School of Geography, University of Leeds; from Annemieke Perquin at the National Physical Planning Agency in The Hague; and from Evert Meijer, Elmy Heuvelmans and Berry van Houten at GEODAN in Amsterdam. We also wish to acknowledge the contributions to the field of population geography that have been made in recent years by John Coward, who died so tragically in the Kegworth air disaster earlier this year.

This collection of papers from *Tourism Geographies* emphasizes new and emerging research paradigms in the geographic study of tourism. The papers included in this collection follow one of two threads: explicitly supporting specific research frameworks, or implicitly presenting new and emerging theoretical perspectives through empirical research on the geographical topics. These begin with three overview papers from themes that emerged from recent annual meetings of the Association of American Geographers, including evolutionary economic geography (EEG), political ecology and community resilience. Each of these theoretical and conceptual frameworks is leading to new explorations and insights in a wide variety of geographical and social science research, including tourism studies. These are followed by a series of papers that extend our knowledge and thinking on a range of key geographical topics, including development and underdevelopment (by Saarinen & Rogerson), sustainable tourism planning (by Torres-Delgado & Saarinen), encounters with the natural environment (by Hill), and the geography of place names (by Light), as well as economic geography and new technologies and their applications to spatial behavior research. The papers in this special issue are especially relevant to tourism scholars, and very much represent the types of perspectives that *Tourism Geographies* seek to promote. This book was published as a special issue of *Tourism Geographies*.

This book provides a unique assessment of the development of research in geography education and its future prospects, offering a challenging critique of subject-based education research, with particular reference to geography education across a range of different jurisdictions. It covers a range of topics, including the changing role of research in geography education; the relationship between education research and professional practice, with special reference to geography education research; the place of academic subject knowledge in geography education research; critiques of the functions of research in geography education; and the key issues for education policy and policymakers concerning educational research at national and international levels. Importantly, in a period marked by radical change for education research and researchers, the book offers a timely appraisal of possible ways forward for geography education research. Addressing the needs of academics, research students, policymakers, and education practitioners who undertake, use or shape the future of research in geography education, it comprehensively explores the forces that have driven the development of geography education research and pedagogy. Further, by positioning its analysis in the context of education policy debates in the UK, and further afield, it assesses the role and function of research in education, and offers an outlook on its future. This book is essential reading for all those who wish to understand the sporadic and increasingly uncertain development of subject-based research in education.

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.

Quantitative Geography is a comprehensive and accessible discussion of the diversity of recent thinking on the use of quantitative methods in spatial data analysis.

This is the first feminist geography text devoted to methodology and provides a basic framework for students wishing to undertake gendered work in the discipline. There are many books about teaching in Geography, but this is the first dealing specifically with Pedagogic Research, its methods and practices. Pedagogy research concerns the processes of learning and the development of learners. It is a learner-centred activity that aims to evaluate and improve the ways that students learn and learn to manage, control and comprehend their own learning processes, first as Geographers in Higher Education but equally as future educated citizens. This book collects together some key research papers from the *Journal of Geography in Higher Education*. They concern original research and critical perspectives on how Geographers learn, critical evaluations of both new and traditional frameworks and methods used for Pedagogic research in Geography, and some case studies on the promotion of self-authorship, learner autonomy, in

key Geography Higher Education contexts such as fieldwork and undergraduate project work. This book is a compilation of articles from various issues of the Journal of Geography in Higher Education.

Geohumanities identifies a convergence of transdisciplinary thought characterized by geography's engagement with the humanities, and the humanities' integration of place and the tools of geography into its studies. With this cutting edge book, an international collaboration of scholars, architects, artists, activists, scientists and writers map this emerging intellectual terrain. This volume explores the creative zone at the edge of the humanities' rapidly expanding engagement with geography, and the multi-methodological inquiries that analyze the meanings of place, and then reconstruct those meanings to provoke new knowledge as well as the possibility of altered political practices. It is no coincidence that the geohumanities are forcefully emerging at a time of immense intellectual and social change. The book's contributors address urgent contemporary imperatives, such as the link between creativity and place; altered practices of spatial literacy; the increasing complexity of visual representation in art, culture, and science; and the ubiquitous presence of geospatial technologies in the Information Age.

This book is a one-stop comprehensive guide to geographical inquiry. A step-by-step account of the hows and the whys of research methodology. Introduces students to the complexities of geographical perspective and thought, essentials of fieldwork, formulation of research topics, data collection, analysis and interpretation as well as presentation and dissemination. Includes inputs and specific examples to help practitioners negotiate between theory and practice. Uses a lucid, engaging and literary style. It will be an essential companion for researchers and students of geography, social sciences, and South Asian studies.

The rise of critical discourses in the discipline of geography has opened up new avenues for social justice. Geography and Social Justice in the Classroom brings together contemporary research in geography and fresh thinking about geography's place in the social studies curriculum. The book's main purposes are to introduce teachers and teacher educators to new research in geography, and to provide theoretical and practical examples of geography in the curriculum. The book begins with the premise that power and inequality often have spatial landscapes. With the tools and concepts of geography, students can develop a critical geographic literacy to explore the spatial expressions of power in their lives, communities, and the wider world. The first half of the book introduces new research in the field of geography on diverse topics including the social construction of maps as instruments of power and authority. The second half of the book turns the readers' attention to geography in the P-12 classroom, and it highlights how geography can enable teachers and students to explore issues of power and social justice in the classroom. Through critical geographic literacy, educators can boldly position themselves and their students as advocates for a more just world.

"Covers a broad range of subjects that undergraduates in the discipline should be familiar and comfortable with upon graduation. From chapters on the scientific method and fundamental research concepts, to experimental design, sampling and statistical analysis, the text offers an excellent introduction to the key concepts of geographical research. The content is applicable for students at the beginning of their studies right through to planning and conducting dissertations. The book has also been of particular support in designing my level 1 and 2 tutorials which cover similar ground to several of the chapters." - Joseph Mallalieu, School of Geography, Leeds University "Montello and Sutton is one of the best texts I've used in seminars on research methodology. The text offers a clear balance of quantitative vs. qualitative and physical vs. human which I've found particularly valuable. The chapters on research ethics, scientific communication, information technologies and data visualization are excellent." - Kenneth E. Foote, Department of Geography, University of Colorado at Boulder This is a broad and integrative introduction to the conduct and interpretation of scientific research, covering both geography and environmental studies. Written for undergraduate and postgraduate students, it: Explains both the conceptual and the technical aspects of research, as well as all phases of the research process Combines approaches in physical geography and environmental science, human geography and human-environment relations, and geographic and environmental information techniques (such as GIS, cartography, and remote sensing) Combines natural and social scientific approaches common to subjects in geography and environmental studies Includes case studies of actual research projects to demonstrate the breadth of approaches taken It will be core reading for students studying scientific research methods in geography, environmental studies and related disciplines such as planning and earth science.

Robert Inkpen explores the relationship between philosophy, science & physical geography to address an imbalance that exists in opinion, teaching & to a lesser extent research, between a philosophically enriched human geography & a philosophically ignorant physical geography.

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.

This collection brings together the latest thinking in urban geography. It provides a comprehensive overview of topical issues and draws on experiences from across the world. Chapters have been prepared by leading researchers in the field and cover themes as diverse as urban economies, inequalities and diversity, conflicts and politics, ecology and sustainability, and information technologies. The Handbook offers a valuable resource for students and researchers interested in cities and the urban in geography and across the wider social sciences.

Research Ethics for Human Geography is a lively and engaging introduction to key ethical issues in geographical research by leading figures in the discipline. It addresses the wide range of ethical issues involved in collecting, analysing and writing up research across the social sciences, and explores and explains the more specific ethical issues associated with different forms of geographical inquiry. Each chapter comprises detailed summaries and definitions, real-life case studies, student check-lists and annotated recommendations for reading, making the book a valuable toolkit for students undertaking all forms of geographical research, from local and overseas fieldwork, through to dissertation research, methods-training, and further research.

Applied Geography offers an invaluable introduction to useful research in physical, environmental and human geography and provides a new focus and reference point for investigating and understanding problem-orientated research. Forty-nine leading experts in the field introduce and explore research which crosses the traditional boundary between physical and human geography. A wide range of key issues and contemporary debates are within the book's main sections, which cover: natural and environmental hazards environmental change and management challenges of the human environment techniques of spatial analysis Applied geography is the application of geographic knowledge and skills to identify the nature and causes of social, economic and environmental problems and inform policies which lead to their resolution.

This book explores the intersection of geographical knowledge and artistic research in terms of both creative methods and practice-based research. In doing so it brings together geography's 'creative turn' with the art world's 'research turn.' Based on a decade and a half of ethnographic stories of working at the intersection of creative arts practices and geographical research, this book offers a much-needed critical account of these forms of knowledge production. Adopting a geohumanities approach to investigating how these forms of knowledge are produced, consumed, and circulated, it queries what imaginaries and practices of the key sites of knowledge making (including the field, the artist's studio, the PhD thesis, and the exhibition) emerge and how these might challenge existing understandings of these locations. Inspired by the geographies of science and knowledge, art history and theory, and accounts of working within and beyond disciplines, this book seeks to understand the geographies of research at the intersection of geography and creative arts practices, how these geographies challenge existing understandings of these disciplines and practices, and what they might contribute to our wider discussions of working beyond disciplines, including through artistic research. This book offers a timely contribution to the emerging fields of artistic research and geohumanities, and will appeal to undergraduate and postgraduate students and researchers.

This book explores common ethical issues faced by human geographers in their research. It offers practical guidance for research planning and design that incorporates geographic disciplinary knowledge to conceptualise research ethics. The volume brings together international insights from researchers in geography and related fields to provide a comprehensive overview of relevant ethical frameworks and challenges in human geography research. It includes in-depth reflections on a range of ethical dilemmas that arise in certain contextual conditions and spatial constructions that face those researching and teaching on spatial dimensions of social life. With a focus on the increased need for specialist ethics training as part of postgraduate education in the Humanities and Social Sciences and the necessity for fostering sensitivity in cross-cultural comparative research, the book seeks to enable people to engage in ethical decision-making and moral reasoning while conducting research. Chapters examine the implications of geographical research for conceptualising ethics and discuss specific case studies from which more general conclusions, linked to conceptual debates, are drawn. As a research-based reference guide for tackling ethically sensitive projects and international differences in legal and institutional standards and requirements, the book is useful for postgraduate and undergraduate students as well as academics teaching at senior levels.

Participatory Action Research (PAR) approaches and methods have seen an explosion of recent interest in the social and environmental sciences. PAR involves collaborative research, education and action which is oriented towards social change, representing a major epistemological challenge to mainstream research traditions. It has recently been the subject of heated critique and debate and rapid theoretical and methodological development. This book captures these developments, exploring the justification, theorisation, practice and implications of PAR. It offers a critical introduction to understanding and working with PAR in different social, spatial and institutional contexts. The authors engage with PAR's radical potential, while maintaining a critical awareness of its challenges and dangers. The book is divided into three parts. The first part explores the intellectual, ethical and pragmatic contexts of PAR; the development and diversity of approaches to PAR; recent poststructuralist perspectives on PAR as a form of power; the ethic of participation; and issues of safety and well-being. Part two is a critical exploration of the politics, places and practices of PAR. Contributors draw on diverse research experiences with differently situated groups and issues including environmentally sustainable practices, family livelihoods, sexual health, gendered experiences of employment, and specific communities such as people with disabilities, migrant groups, and young people. The principles, dilemmas and strategies associated with participatory approaches and methods including diagramming, cartographies, art, theatre, photovoice, video and geographical information systems are also discussed. Part three reflects on how effective PAR is, including the analysis of its products and processes, participatory learning, representation and dissemination, institutional benefits and challenges, and working between research, action, activism and change. The authors find that a spatial perspective and an attention to scale offer helpful means of negotiating the potentials and paradoxes of PAR. This approach responds to critiques of PAR by highlighting how the spatial politics of practising participation can be mobilised to create more effective and just research processes and outcomes. The book adds significant weight to the recent critical reappraisal of PAR, suggesting why, when, where and how we might take forward PAR's commitment to enabling collaborative social transformation. It will be particularly useful to researchers and students of Human Geography, Development Studies and Sociology.

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There are moments in everyone's degree when you are expected to do something unfamiliar and daunting - present a seminar, go on a fieldtrip, create a wiki page, lead a lab team - and how to do it or what to expect is unclear. Studying at university requires a different approach from studying at school and this book explains this transition. Packed with practical hints, study tips, short cuts, real-life examples and careers advice, this book will prove invaluable throughout your geography, earth science or environmental

science degree. Designed for all geography, earth science and environmental science students, this book provides guidance on: time management and effective research constructing essays and creating arguments giving presentations confidently undertaking fieldwork and laboratory work avoiding plagiarism and citing references correctly using e-technologies such as blogs and your university's VLE online assessment and peer feedback. This guide also explains the role of the academic and how it differs from that of a school teacher, and prepares you for the world of work by showing how the skills you learn at university today can be used in your career choice of tomorrow.

Research Methods in Geography A Critical Introduction John Wiley & Sons

Thinking Big Data in Geography offers a practical state-of-the-field overview of big data as both a means and an object of research, with essays from prominent and emerging scholars such as Rob Kitchin, Renee Sieber, and Mark Graham. Part 1 explores how the advent of geoweb technologies and big data sets has influenced some of geography's major subdisciplines: urban politics and political economy, human-environment interactions, and geographic information sciences. Part 2 addresses how the geographic study of big data has implications for other disciplinary fields, notably the digital humanities and the study of social justice. The volume concludes with theoretical applications of the geoweb and big data as they pertain to society as a whole, examining the ways in which user-generated data come into the world and are complicit in its unfolding. The contributors raise caution regarding the use of spatial big data, citing issues of accuracy, surveillance, and privacy.

This 1982 volume of essays attempts to promote discussion about the purpose and practice of historical geography.

As political, economic, and environmental issues increasingly spread across the globe, the science of geography is being rediscovered by scientists, policymakers, and educators alike. Geography has been made a core subject in U.S. schools, and scientists from a variety of disciplines are using analytical tools originally developed by geographers.

Rediscovering Geography presents a broad overview of geography's renewed importance in a changing world. Through discussions and highlighted case studies, this book illustrates geography's impact on international trade, environmental change, population growth, information infrastructure, the condition of cities, the spread of AIDS, and much more. The committee examines some of the more significant tools for data collection, storage, analysis, and display, with examples of major contributions made by geographers. Rediscovering Geography provides a blueprint for the future of the discipline, recommending how to strengthen its intellectual and institutional foundation and meet the demand for geographic expertise among professionals and the public.

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