

## Geography By Getis 13th Edition

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**Regional Geography of the United States and Canada** Daniel R. Montello 2021-03-29 The fifth and thoroughly revised edition of Regional Geography of the United States and Canada provides a rich and comprehensive overview of both the physical and human geography of these two countries, and in the true spirit of geography, the interactions and interrelations of the physical and human. Following long traditions of the discipline of geography, this text incorporates words, maps, drawings, photographs, and numerical data to present its information in an engaging way. After covering beneficial precursor topics–such as the basics of physical and human geography–the text explores fifteen regions of the US and Canada. The authors observe and describe our planet’s geography in thorough and accessible detail, while laying out the spatial basics of the location, shape, and size of the different regions, and summarizes their most distinctive thematic qualities. Physical topics covered include the region’s topography and landforms, soils, climate, hydrography, vegetation, and wildlife. The human topics include the region’s population; the ethnicities and settlement history of its people; economic activities, including agriculture, forestry, mining, fishing, manufacturing, and service industries; cities; and transportation. In-depth essays expand on specific topics of interest and importance, while outlook sections prognosticate about the near future of the regions. Each chapter concludes with a bibliography of books, articles, and reports that provide further sources for the interested reader.

**Debating Terrorism and Counterterrorism** Stuart Gottlieb 2013-03-29 Featuring paired pro/con pieces written specifically for this volume, Debating Terrorism and Counterterrorism : Conflicting Perspectives on Causes, Contexts, and Responses encourages students to grapple with the central debates surrounding the field of terrorism. With topics ranging from the root causes of terrorism, the role of religion in terrorism, whether suicide terrorism is ever justified, whether the spread of democracy can help defeat terrorism, and what trade-offs should exist between security and civil liberties, Gottlieb’s outstanding cast of contributors returns, compelling students to wrestle with the conflicting perspectives that define the field. Stuart Gottlieb frames the paired essays with incisive headnotes, providing historical context and preparing students to read each argument critically. Each selection has been updated to account for recent world events, policy changes, and new scholarship. New to the reader, and by reviewer request, is a chapter, "Can Global Institutions Make a Difference in Fighting Terrorism?"

**Manual of Digital Earth** Huadong Guo 2019-11-18 This open access book offers a summary of the development of Digital Earth over the past twenty years. By reviewing the initial vision of Digital Earth, the evolution of that vision, the relevant key technologies, and the role of Digital Earth in helping people respond to global challenges, this publication reveals how and why Digital Earth is becoming vital for acquiring, processing, analysing and mining the rapidly growing volume of global data sets about the Earth. The main aspects of Digital Earth covered here include: Digital Earth platforms, remote sensing and navigation satellites, processing and visualizing geospatial information, geospatial information infrastructures, big data and cloud computing, transformation and zooming, artificial intelligence, Internet of Things, and social media. Moreover, the book covers in detail the multi-layered/multi-faceted roles of Digital Earth in response to sustainable development goals, climate changes, and mitigating disasters, the applications of Digital Earth (such as digital city and digital heritage), the citizen science in support of Digital Earth, the economic value of Digital Earth, and so on. This book also reviews the regional and national development of Digital Earth around the world, and discusses the role and effect of education and ethics. Lastly, it concludes with a summary of the challenges and forecasts the future trends of Digital Earth. By sharing case studies and a broad range of general and scientific insights into the science and technology of Digital Earth, this book offers an essential introduction for an ever-growing international audience.

**Geographic Information Systems (GIS) for Disaster Management** Brian Tomaszewski 2020-10-28 Now in its second edition, Geographic Information Systems (GIS) for Disaster Management has been completely updated to take account of new developments in the field. Using a hands-on approach grounded in relevant GIS and disaster management theory and practice, this textbook continues the tradition of the benchmark first edition, providing coverage of GIS fundamentals applied to disaster management. Real-life case studies demonstrate GIS concepts and their applicability to the full disaster management cycle. The learning-by-example approach helps readers see how GIS for disaster management operates at local, state, national, and international scales through government, the private sector, non-governmental organizations, and volunteer groups. New in the second edition: a chapter on allied technologies that includes remote sensing, Global Positioning Systems (GPS), indoor navigation, and Unmanned Aerial Systems (UAS); thirteen new technical exercises that supplement theoretical and practical chapter discussions and fully reinforce concepts learned; enhanced boxed text and other pedagogical features to give readers even more practical advice; examination of new forms of world-wide disaster faced by society; discussion of new commercial and open-source GIS technology and techniques such as machine learning and the Internet of Things; new interviews with subject-matter and industry experts on GIS for disaster management in the US and abroad; new career advice on getting a first job in the industry. Learned yet accessible, Geographic Information Systems (GIS) for Disaster Management continues to be a valuable teaching tool for undergraduate and graduate instructors in the disaster management and GIS fields, as well as disaster management and humanitarian professionals. Please visit http://gisfordisastermanagement.com to view supplemental material such as slides and hands-on exercise video walkthroughs. This companion website offers valuable hands-on experience applying concepts to practice.

**Adolescence** Nancy J. Cobb 2001 This text provides a comprehensive survey of the research findings and theories of adolescent development, and shows how this information can be applied to help adolescents meet the challenges they face as they grow into adulthood. Developmental implications of ethnic, cultural, and socioeconomic differences are integrated into every chapter, and similarities and differences between early and late adolescent development are discussed throughout the text.

**WorldMinds** Donald G. Janelle 2004-03-31 WorldMinds provides broad exposure to a geography that is engaged with discovery, interpretation, and problem solving. Its 100 succinct chapters demonstrate the theories, methods, and data used by geographers, and exemplify the conceptual and topical richness of contemporary geography. The 150 contributing authors and co-authors address the challenges posed by issues such as globalization, regional and ethnic conflict, environmental hazards, terrorism, poverty, and sustainable development. This volume demonstrates the utility of geography as a conceptual discipline that contributes theoretically; as an applied practice that informs policy-making; and as a coherent set of methodologies to gather and analyze data about Earth and its occupants. WorldMinds is the ideal general reader to supplement textbooks in the full range of academic geography courses. In addition to geography students and instructors, it is relevant to researchers, applied geographers and policy makers.

**Introduction to Geography** Arthur Getis 2004 This market-leading book introduces college students to the breadth and spatial insights of the field of geography. The authors’ approach allows the major research traditions of geography to dictate the principal themes. Chapter 1 introduces students to the four organizing traditions that have emerged through the long history of geographical thought and writing: earth science, culture-environment, location, and area analysis. Each of the four parts of this book centers on one of these geographic perspectives.

*Human Geography* Jerome Donald Fellmann 2010 Fellmann et al’s “Human Geography” introduces students to the scope and excitement of human geography and its relevance to their daily lives. This edition continues to convey the breadth of human geography and to provide insight into the nature and intellectual challenges of the field of geography itself. The authors pay special attention to gender issues and assume no previous experience in geography on the part of the students.

**Urban Informatics** Wenzhong Shi 2021-04-06 This open access book is the first to systematically introduce the principles of urban informatics and its application to every aspect of the city that involves its functioning, control, management, and future planning. It introduces new models and tools being developed to understand and implement these technologies that enable cities to function more efficiently – to become ‘smart’ and ‘sustainable’. The smart city has quickly emerged as computers have become ever smaller to the point where they can be embedded into the very fabric of the city, as well as being central to new ways in which the population can communicate and act. When cities are wired in this way, they have the potential to become sentient and responsive, generating massive streams of ‘big’ data in real time as well as providing immense opportunities for extracting new forms of urban data through crowdsourcing. This book offers a comprehensive review of the methods that form the core of urban informatics from various kinds of urban remote sensing to new approaches to machine learning and statistical modelling. It provides a detailed technical introduction to the wide array of tools information scientists need to develop the key urban analytics that are fundamental to learning about the smart city, and it outlines ways in which these tools can be used to inform design and policy so that cities can become more efficient with a greater concern for environment and equity.

**Introduction to Geography** Arthur Getis 2010-10-05 Introduction to Geography, 13th edition, by Getis and Getis introduces college students to the breadth and spatial insights of the field of geography. The authors’ approach allows the major research traditions of geography to dictate the principal themes. They also include information on current events, such as the earthquake in Haiti. Chapter 1 introduces students to the four organizing traditions that have emerged through the long history of geographical thought and writing: earth science, culture-environment, location, and area analysis. Each of the four parts of this book centers on one of these geographic perspectives.

*Managing Climate Change Adaptation in the Pacific Region* Walter Leal Filho 2020-03-03 This book presents papers written by scholars, practitioners, and members of social movements and government agencies pursuing research and/or climate change projects in the Pacific region. Climate change is impacting the Pacific in various ways, including numerous negative effects on the natural environment and biodiversity. As such, a better understanding of how climate change affects Pacific communities is required, in order to identify processes, methods, and tools that can help countries and the communities in the region to adapt and become more resilient. Further, the book showcases successful examples of how to cope with the social, economic, and political problems posed by climate change in the region.

**The Basics of Communication Research** Leslie A. Baxter 2003-07-08 Combining the time tested classical work of Earl Babbie with the insights of one of the most recognized and respected names in speech communication research, THE BASICS OF COMMUNICATION RESEARCH is the book for the Communication research methods course. With the authors’ collective experience teaching research methods and as active researchers themselves you will find this text to be the authoritative text for your course. The authors frame research as a way of knowing, and provide balanced treatment to both quantitative and qualitative research traditions in communication research and present it in a student friendly and engaging format. It provides in-depth treatment of the role of reasoning in the research enterprise and how this reasoning process plays itself out in planning and writing a research proposal and report. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Clinical Handbook for Brunner & Suddarth’s Textbook of Medical-Surgical Nursing** Janice L. Hinkle 2013-11-25 This concise clinical companion to the thirteenth edition of Brunner and Suddarth’s Textbook of Medical-Surgical Nursing presents nearly 200 diseases and disorders in alphabetical format, allowing rapid access to need-to-know information on the most common clinical problems nurses are likely to encounter. The content is completely cross-referenced to the main text. Pages are tabbed alphabetically for speedy reference.

**Loose Leaf Version for Intro Geography** Arthur Getis 2012-08-03 Introduction to Geography, 13th edition, by Getis and Getis introduces college students to the breadth and spatial insights of the field of geography. The authors’ approach allows the major research traditions of geography to dictate the principal themes. They also include information on current events, such as the earthquake in Haiti. Chapter 1 introduces students to the four organizing traditions that have emerged through the long history of geographical thought and writing: earth science, culture-environment, location, and area analysis. Each of the four parts of this book centers on one of these geographic perspectives.

*Urban Remote Sensing* Qihao Weng 2018-10-08 Driven by advances in technology and societal needs, the next frontier in remote sensing is urban areas. With the advent of high-resolution imagery and more capable techniques, the question has become "Now that we have the technology, how do we use it?" The need for a definitive resource that explores the technology of remote sensing and the issues it can resolve in an urban setting has never been more acute. Containing contributions from world renowned experts, Urban Remote Sensing provides a review of basic concepts, methodologies, and case studies. Each chapter demonstrates how to apply up-to-date techniques to the problems identified and how to analyze research results. Organized into five sections, this book: Focuses on data, sensors, and systems considerations as well as algorithms for urban feature extraction Analyzes urban landscapes in terms of composition and structure, especially using sub-pixel analysis techniques Presents methods for monitoring,

analyzing, and modeling urban growth Illustrates various approaches to urban planning and socio-economic applications of urban remote sensing Assesses the progress made to date, identifies the existing problems and challenges, and demonstrates new developments and trends in urban remote sensing This book is ideal for upper division undergraduate and graduate students, however it can also serve as a reference for researchers or those individuals interested in the remote sensing of cities in academia, and governmental and commercial sectors. Urban Remote Sensing examines how to apply remote sensing technology to urban and suburban areas.

**The Past in Perspective** Kenneth L. Feder 2007 Now in full color throughout, this engaging, up-to-date, chronological introduction presents human prehistory within a framework of themes, issues, and debates. Featuring a consistent chapter format and an appropriate level of detail for students with no previous exposure to archaeology, it also offers outstanding pedagogy, including maps, timelines (interactive on the companion Online Learning Center website), chapter summaries, and lists of key terms. **Systems of Psychotherapy** James O. Prochaska 2003 1. Defining and Comparing the Psychotherapies. 2. Psychoanalysis. 3. Psychodynamic Therapies. 4. Existential Therapies. 5. Person-Centered Therapy. 6. Gestalt and Experiential Therapies. 7. Interpersonal Therapies. 8. Exposure and Flooding Therapies. 9. Behavior Therapies. 10. Cognitive Therapies. 11. Systemic Therapies. 12. Gender- and Culture-Sensitive Therapies. 13. Constructivist Therapies: Solution Focused and Narrative. 14. Integrative and Eclectic Therapies. 15. Comparative Conclusions: Toward a Transtheoretical Therapy. 16. Future of Psychotherapy. Appendix: An Alternative Table of Contents.

*Comparative Education Research* Mark Bray 2014-06-09 Approaches and methods in comparative education are of obvious importance, but do not always receive adequate attention. This second edition of a well-received book, containing thoroughly updated and additional material, contributes new insights within the longstanding traditions of the field. A particular feature is the focus on different units of analysis. Individual chapters compare places, systems, times, cultures, values, policies, curricula and other units. These chapters are contextualised within broader analytical frameworks which identify the purposes and strengths of the field. The book includes a focus on intra-national as well as cross-national comparisons, and highlights the value of approaching themes from different angles. As already demonstrated by the first edition of the book, the work will be of great value not only to producers of comparative education research but also to users who wish to understand more thoroughly the parameters and value of the field.

**Human Geography** Mark D. Bjelland 2018-12 "This thirteen edition of Human Geography retains the organization and structure of its earlier versions. Like them, it seeks to introduce its users to the scope and excitement of geography and its relevance to their daily lives and roles as informed citizens. We recognize that for many students, human geography may be their first or only work in geography and this, their first or only textbook in the discipline. For these students particularly, we seek to convey the richness and breadth of human geography and to give insight into the nature and intellectual challenges of the field of geography itself. Our goals are to be inclusive in content, current in data, and relevant in interpretations. These goals are elusive. Because of the time lapse between world events and the publication of a book, events inevitably outpace analysis. We therefore depend on a continuing partnership with classroom instructors to incorporate and interpret current events and emerging geographic patterns" --

**Spatio-Temporal Database Management** Michael H. Böhlen 1999-08-25 This book constitutes the refereed proceedings of the International Workshop on Spatio-Temporal Database Management Systems, STDBM'99, held in Edinburgh, UK, in September 1999 as a satellite event of VLDB'99. The 13 revised full papers presented were carefully selected from 30 papers submitted. The book offers topical sections on understanding and manipulating spatio-temporal data; integration, exchange, and visualization; query processing; index evaluation; and constraints and dependencies.

**ISE Human Geography** Mark D. Bjelland 2019-05-19

**Theory and Practice of Family Therapy and Counseling** James Robert Bitter 2013-01-01 A model for successful integration of multiple points of view, James R. Bitter's THEORY AND PRACTICE OF FAMILY THERAPY AND COUNSELING, 2E, International Edition supports the development of personal, professional, and ethical family practice. The text's concrete, empirically based approaches, as well as diagnostics and visual tools, allow students to observe others in groups. Updated to reflect recent research and current practice, the Second Edition also includes a new chapter on Object Relations Family Therapy. Case studies, sample dialogues, and exercises help students apply the concepts they have learned.

*Fundamentals of Embedded Software with the ARM Cortex-M3* Daniel W. Lewis 2012-02 For sophomore-level courses in Assembly Language Programming in Computer Science, Embedded Systems Design, Real-Time Analysis, Computer Engineering, or Electrical Engineering curricula. Requires prior knowledge of C, C++, or Java. This text is useful for Computer Scientists, Computer Engineers, and Electrical Engineers involved with embedded software applications. This book is intended to provide a highly motivating context in which to learn procedural programming languages. The ultimate goal of this text is to lay a foundation that supports the multi-threaded style of programming and high-reliability requirements of embedded software. It presents assembly the way it is most commonly used in practice - to implement small, fast, or special-purpose routines called from a main program written in a high-level language such as C. Students not only learn that assembly still has an important role to play, but their discovery of multi-threaded programming, preemptive and non-preemptive systems, shared resources, and scheduling helps sustain their interest, feeds their curiosity, and strengthens their preparation for subsequent courses on operating systems, real-time systems, networking, and microprocessor-based design.

**Introduction to Community-based Nursing** Roberta Hunt 2001 his vibrant introduction to community based nursing roles and concepts gives a practically-oriented introduction to nursing care in community settings. Five units cover concepts and applications: / Unit 1--Basic concepts, levels of prevention, health promotion, the family, cultural considerations / Unit 2--Four basic skills of community based nursing--assessing, educating, managing, and continuing care. / Unit 3--Health promotion and disease prevention across the lifespan. / Unit 4--Settings for practice. / Unit 5--Future trends in community based nursing. New edition features: expanded index; enhanced discussion of the role of school nurses; up-to-date references; increased focus on individual care planning; and revised glossary of commonly used terms. Each chapter contains Critical Thinking Activities, Client Studies, and Practical Applications exercises

**The Geographical Dimensions of Terrorism** Susan L. Cutter 2014-02-04 First published in 2003. Routledge is an imprint of Taylor & Francis, an informa company.

**The Bariatric Bible** CAROL. BOWEN BALL 2019-04-30 This comprehensive guide offers advice on the types of surgery on offer and highlights the many diets that are required prior to surgery. Its main focus is on advice and recipes for after surgery to help the post-op patient maximise their best chance of long-term success with weight-loss and better health.

*Spatial Analysis in Health Geography* Pavlos Kanaroglou 2016-03-09 Presenting current research on spatial epidemiology, this book covers topics such as exposure, chronic disease, infectious disease, accessibility to health care settings and new methods in Geographical Information Science and Systems. For epidemiologists, and for the management and administration of health care settings, it is critical to understand the spatial dynamics of disease. For instance, it is crucial that hospital administrators develop an understanding of the flow of patients over time, especially during an outbreak of a particular disease, so they can plan for appropriate levels of staffing and to carry out adaptive prevention measures. Furthermore, understanding where and why a disease occurs at a certain geographic location is vital for decision makers to formulate policy to increase the accessibility to health services (either by prevention, or adding new facilities). Spatial epidemiology relies increasingly on new methodologies, such as clustering algorithms, visualization and space-time modelling, the domain of Geographic Information Science. Implementation of those techniques appears at an increasing pace in commercial Geographic Information Systems, alongside more traditional techniques that are already part of such systems. This book provides the latest methods in GI Science and their use in health related problems.

**Spatial Data Analysis** Robert P. Haining 2003-04-17 Table of contents

**Hugo and Russell’s Pharmaceutical Microbiology** Stephen P. Denyer 2008-04-15 Completely revised and updated Pharmaceutical Microbiologycontinues to provide the essential resource for the 21st centurypharmaceutical microbiologist "...a valuable resource for junior pharmacists graspingan appreciation of microbiology, microbiologists entering thepharmaceutical field, and undergraduate pharmacy students." Journal of Antimicrobial Chemotherapy "...highly readable. The content is comprehensive, withwell-produced tables, diagrams and photographs, and is accessiblethrough the extensive index." Journal of Medical Microbiology WHY BUY THIS BOOK? Completely revised and updated to reflect the rapid pace ofchange in the teaching and practice of pharmaceuticalmicrobiology Expanded coverage of modern biotechnology, including genomicsand recombinant DNA technology Updated information on newer antimicrobial agents and theirmode of action Highly illustrated with structural formulas of organiccompounds and flow diagrams of biochemical processes

**The Geographical Dimensions of Terrorism** Susan L. Cutter 2014-02-04 First published in 2003. Routledge is an imprint of Taylor & Francis, an informa company.

**Loose Leaf for Human Geography** Arthur Getis 2019-03-18 This thirteenth edition of Human Geography retains the organization and structure of its earlier versions. Like them, it seeks to introduce its users to the scope and excitement of geography and its relevance to their daily lives and roles as informed citizens. We recognize that for any students, human geography may be their first or only work in geography and this, their first or only textbook in the discipline. For these students particularly, we seek to convey the richness and breadth of human geography and to give insight into the nature and intellectual challenges of the field of geography itself.

**Human Geography** Daniel R. Montello 2013-01-11 This twelfth edition of Human Geography retains the organization and structure of its earlier versions. Like them, it seeks to introduce its users to the scope and excitement of geography and its relevance to their daily lives and roles as informed citizens. We recognize that for any students, human geography may be their first or only work in geography and this, their first or only textbook in the discipline. For these students particularly, we seek to convey the richness and breadth of human geography and to give insight into the nature and intellectual challenges of the field of geography itself.

**Introduction to Health Services** Stephen J. Williams 2007-09-21 The seventh edition of Introduction to Health Services builds upon its reputation as a classic book written by nationally recognized authors. This new edition addresses the increasing pressure to improve the efficiency of the nation’s health care system and to provide an adequate level of health care for all Americans. The seventh edition reflects the revolutionary changes in the practice of clinical medicine, government policy, information technology, and health care cost containment. In-depth information in the areas of health care finance, health care access, managed care, and insurance and home health is also provided. Research and statistics throughout make this book the premier reference for understanding all the services that compose the health care landscape. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Psychology and Systems at Work** Robert B. Lawson 2015-09-25 Organizations matter. Most people spend a third to a half of their lives working in organizations. Given the high rates of unemployment people also spend more time looking for work. In addition, globalization and technological innovation continues to profoundly shape organizational culture, leadership, demography, and structure. For these and many other reasons, it is important for individuals to understand the nature of contemporary organizations. "Psychology and Systems at Work" provides know-how for retaining commitment to collective goals while taping the knowledge of a diverse workforce for riding the waves of change, utilizing mistakes to perfect systems, and insuring quality production. 21st Century theory, empirical findings, systemic intervention processes, and tool sets are thoroughly treated. Organizational life goes through times of relative harmony disrupted by periods of stress and uncertainty. However, in our own many decades of experience, we’ve been pleasantly surprised at how well people face challenges, defy the odds, and triumph. Success is the result of many factors—including good luck. But we have noticed, as Louis Pasteur observed long ago, that chance favors the prepared mind and resilient work habits. Learning Goals Upon completing this book, readers should be able to: Design systems that are flexible in a fast-changing environment Understand the basic foundations that shape organizational behavior Apply material they learn to real-life scenarios

**Societies, Social Inequalities and Marginalization** Raghubir Chand 2017-04-04 This book provides an overview of marginality or marginalization, as a concept, characterizing a situation of impediments – social, political, economic, physical, and environmental – that impact the abilities of many people and societies to improve their human condition. It examines a wide range of examples and viewpoints of societies struggling with poverty, social inequality and marginalization. Though the book will be especially interesting for those looking for insights into the situation and position of ethnic groups living in harsh mountainous conditions in the Himalayan region,

examples from other parts of the world such as Kyrgyzstan, Israel, Switzerland and Finland provide an opportunity for comparison of marginality and marginalization from around the world. Also addressed are issues such as livelihood, outmigration and environmental threats, taking into account the conditions, scale and perspective of observation. Throughout the text, particular attention is given to the context and concept of 'marginalization', which sadly remains a persistent reality of human life. It is in this context that this book seeks to advance our global understanding of what marginalization is, how it is manifested and what causes it, while also proposing remedial strategies.

**Population and Society** Dudley L. Poston, Jr 2016-12-28 This comprehensive yet accessible textbook is an ideal resource for undergraduate and graduate students taking their first course in demography. Clearly explaining technical demographic issues without using extensive mathematics, Population and Society is sociologically oriented, but incorporates a variety of social sciences in its approach, including economics, political science, geography, and history. It highlights the significant impact of decision-making at the individual level - especially regarding fertility, but also mortality and migration - on population change. The text engages students by providing numerous examples of demography's practical applications in their lives, and demonstrates the extent of its relevance by examining a wide selection of data from the United States, Africa, Asia, and Europe. This thoroughly revised edition includes four new chapters, covering topics such as race and sexuality, and encourages students to consider the broad implications of population growth and change for global challenges such as environmental degradation.

**Freedom of Expression in the Marketplace of Ideas** Douglas M. Fraleigh 2010-05-19 A comprehensive guide to effective participation in the public debate about our most indispensable right: freedom of expression Encouraging readers to think critically about freedom of speech and expression and the diverse critical perspectives that challenge the existing state of the law, this text provides a comprehensive analysis of the historical and legal contexts of the First Amendment, from its early foundations all the way to censorship on the Internet. Throughout the book, authors Douglas M. Fraleigh and Joseph S. Tuman use the "Marketplace of Ideas" metaphor to help readers visualize a world where the exchange of ideas is relatively unrestrained and self-monitored. The text provides students with the opportunity to read significant excerpts of landmark decisions and to think critically about the issues and controversies raised in these cases. Students will appreciate the treatment of contemporary issues, including free speech in a post-9/11 world, free expression in cyberspace, and First Amendment rights on college campuses. Features: Demystifies free speech law,

encouraging readers to grapple with the complexities of significant ethical and legal issues Sparks student interest in "big picture" issues while simultaneously covering important foundational material, including incitement, fighting words, true threats, obscenity, indecency, child pornography, hate speech, time place and manner restrictions, symbolic expression, restrictions on the Internet, and terrorism. Includes significant excerpts from landmark freedom of expression cases, including concurring or dissenting opinions where applicable, to help students become active learners of free expression rights Offers critical analysis and alternative perspectives on free expression doctrines to demonstrate that existing doctrine is not necessarily ideal or immutable Includes a global perspective on free expression including a chapter on international and comparative perspectives that helps students see how the values of different cultures influence judicial decisions

**Spatial Big Data Science** Zhe Jiang 2017-07-13 Emerging Spatial Big Data (SBD) has transformative potential in solving many grand societal challenges such as water resource management, food security, disaster response, and transportation. However, significant computational challenges exist in analyzing SBD due to the unique spatial characteristics including spatial autocorrelation, anisotropy, heterogeneity, multiple scales and resolutions which is illustrated in this book. This book also discusses current techniques for, spatial big data science with a particular focus on classification techniques for earth observation imagery big data. Specifically, the authors introduce several recent spatial classification techniques, such as spatial decision trees and spatial ensemble learning. Several potential future research directions are also discussed. This book targets an interdisciplinary audience including computer scientists, practitioners and researchers working in the field of data mining, big data, as well as domain scientists working in earth science (e.g., hydrology, disaster), public safety and public health. Advanced level students in computer science will also find this book useful as a reference.

**Human Geography** Jerome Donald Fellmann 2001

**Social, Cultural, and Behavioral Modeling** Robert Thomson 2020-10-10 This book constitutes the proceedings of the 13th International Conference on Social, Cultural, and Behavioral Modeling, SBP-BRiMS 2020, which was planned to take place in Washington, DC, USA. Due to the COVID-19 pandemic the conference was held online during October 18–21, 2020. The 33 full papers presented in this volume were carefully reviewed and selected from 66 submissions. A wide number of disciplines are represented including computer science, psychology, sociology, communication science, public health, bioinformatics, political science, and organizational science. Numerous types of computational methods are used, such as machine learning, language technology, social network analysis and visualization, agent-based simulation, and statistics.