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HUMAN GEOGRAPHY

William Norton with Michael Mercier





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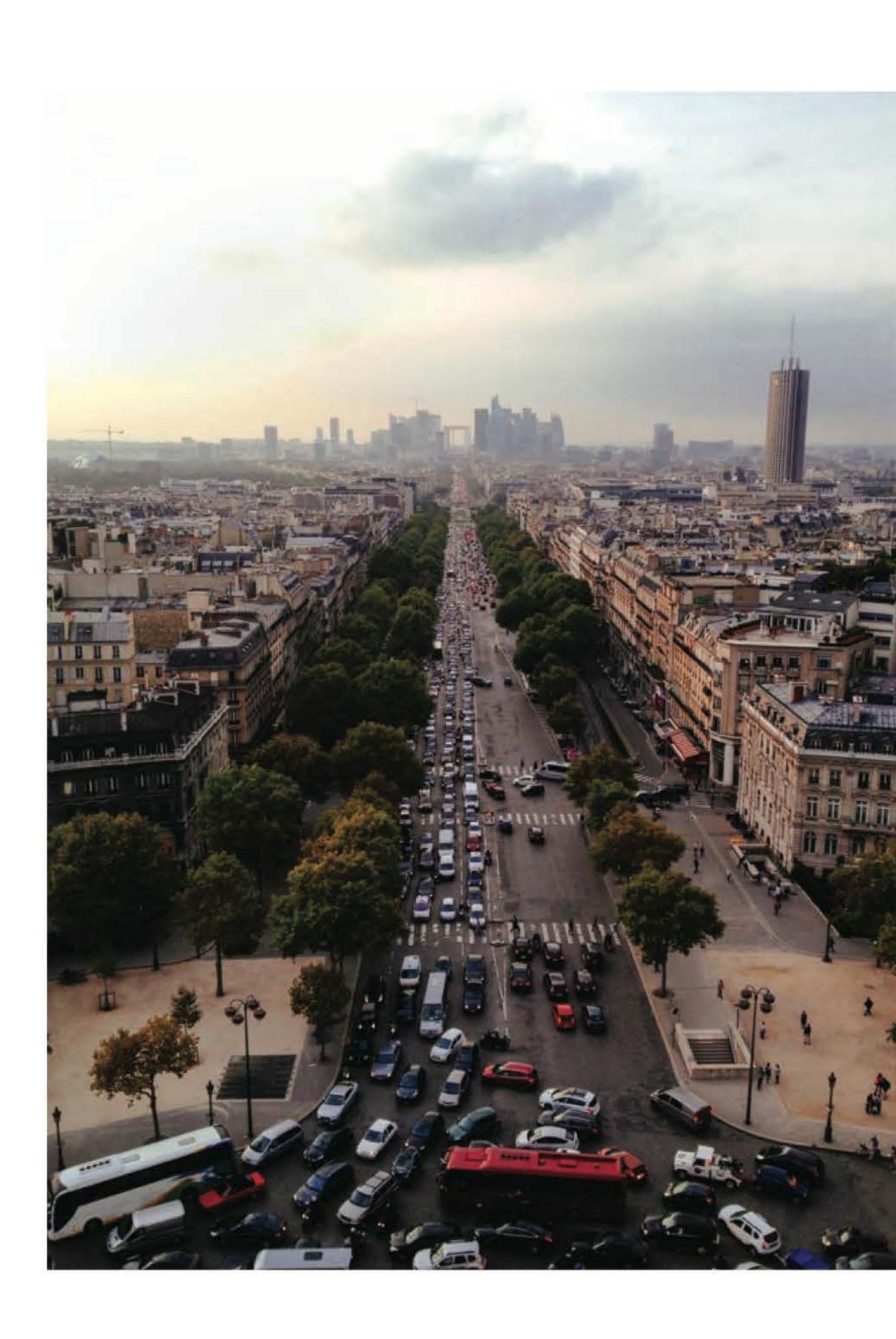
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PREFACE

The need for an education in geography—knowing where things are, why they are there, and why this knowledge matters—has always been paramount in all societies. It is no different today. Both geographic knowledge and an appreciation of the value of a geographic perspective are essential to help individuals and groups make sense of the changing worlds in which we live.

This book attempts to capture both the spirit and the practical merit of our contemporary human geography. Like the discipline, it encompasses an extraordinarily broad range of subject matter and no single approach or methodology dominates. Loosely organized around three recurring themes—relations between humans and land, regional studies, and spatial analysis—this text emphasizes how human geography has developed in response to society's needs and continues to change accordingly. It also stresses the links between human geography and other disciplines, not only to clarify the various philosophies behind different types of human geographic work but also to encourage students to apply their human geographic knowledge and understanding in other academic contexts.

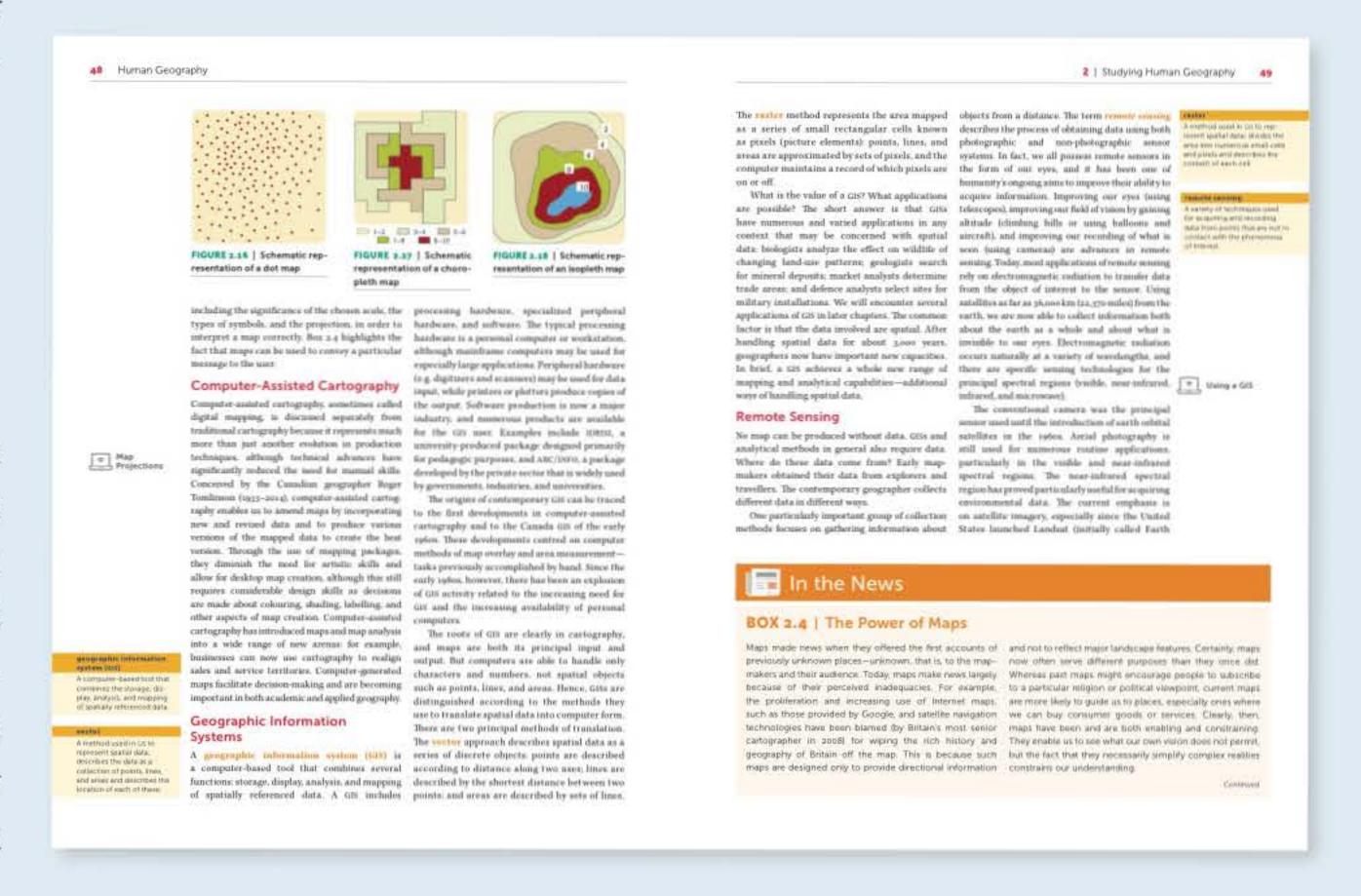
NINTH EDITION: SPECIAL FEATURES

Because the practice and subject matter of human geography are always changing, this edition has been revised in three ways: the text's flow, clarity, and readability have been improved; new content has been included; and, most significant, the coverage of urban geography has been streamlined into two chapters, providing a more focused overview of this subdiscipline. Michael Mercier undertook

this restructuring and rewriting—his willingness to contribute to the revision has resulted in a marked improvement to both the urban content and the text more generally.

This edition's most important additions, deletions, and revisions include the following:

- Introduction: The Roads Ahead Now more focused, the goal of the introduction is to enable students to grasp the essence of what is to come without providing unnecessary detail.
- Chapter 1: What Is Human Geography? Some detailed content was deleted, making the chapter a more readable overview of human geography's long history.
- Chapter 2: Studying Human Geography
 Again, some detailed content was removed to
 make the key facts, ideas, and arguments more
 evident and accessible.



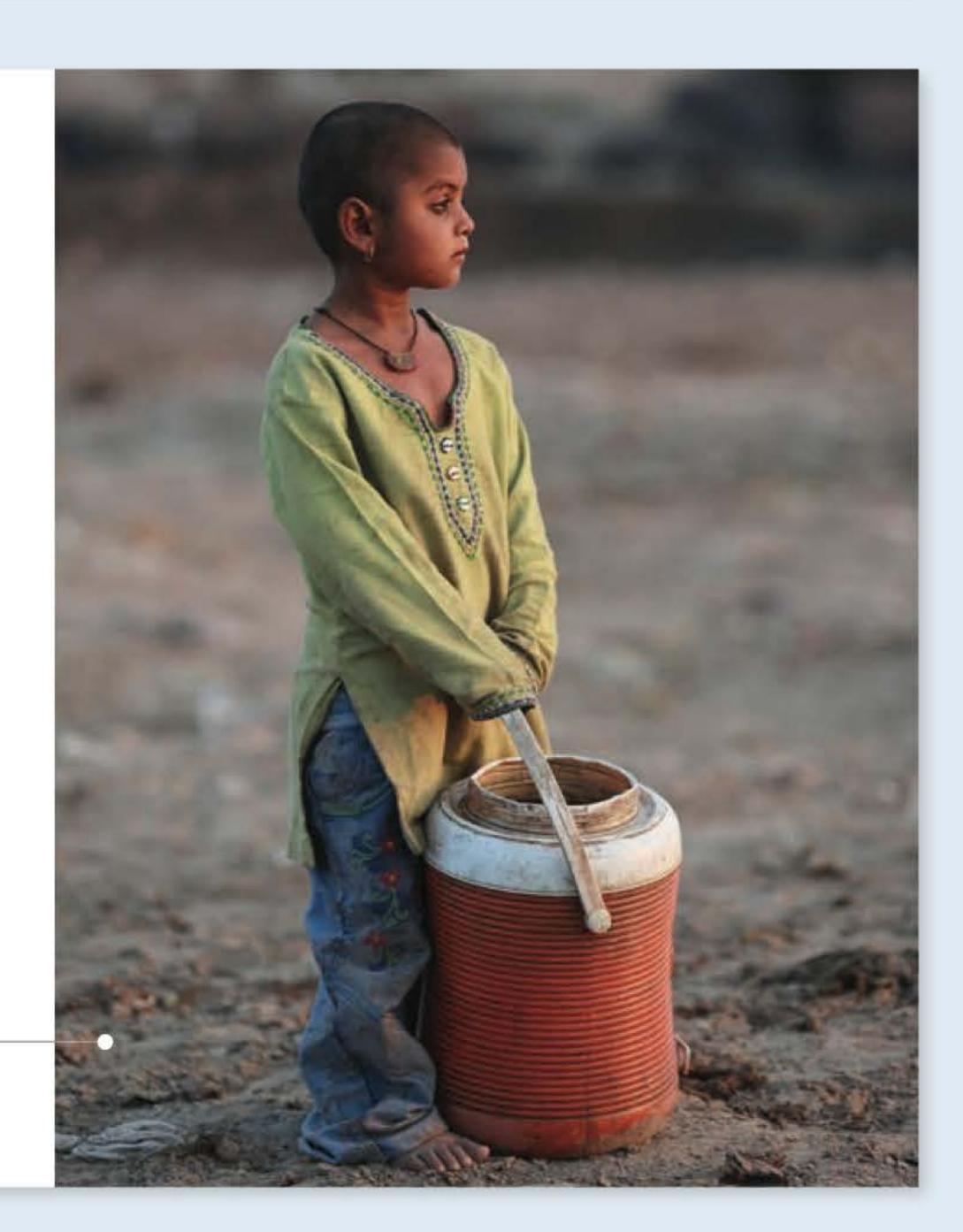


Issues of spatial and social inequality were introduced in Chapter 3's account of globalization, while the terms more developed world and less developed world, defined in the introduction, were employed regularly in Chapter 5's discussions of population. In this chapter, we ask why the world is divided into more and less developed countries. To answer this complex question, we consider various factors, including physical geography, agricultural domestication, and, of profound significance, historical and current political and economic relationships between countries. We then discuss problems of defining and measuring development, paying particular attention to the distinction between economic measures and measures that focus on quality of life. An overview of major problems in less developed countries, such as food supply, refugees, disasters, diseases, and national debt, includes several detailed examples. The final sections of the chapter consider some of the strategies designed to further economic growth and improve quality of life in less developed areas, with emphasis on the question of political governance.

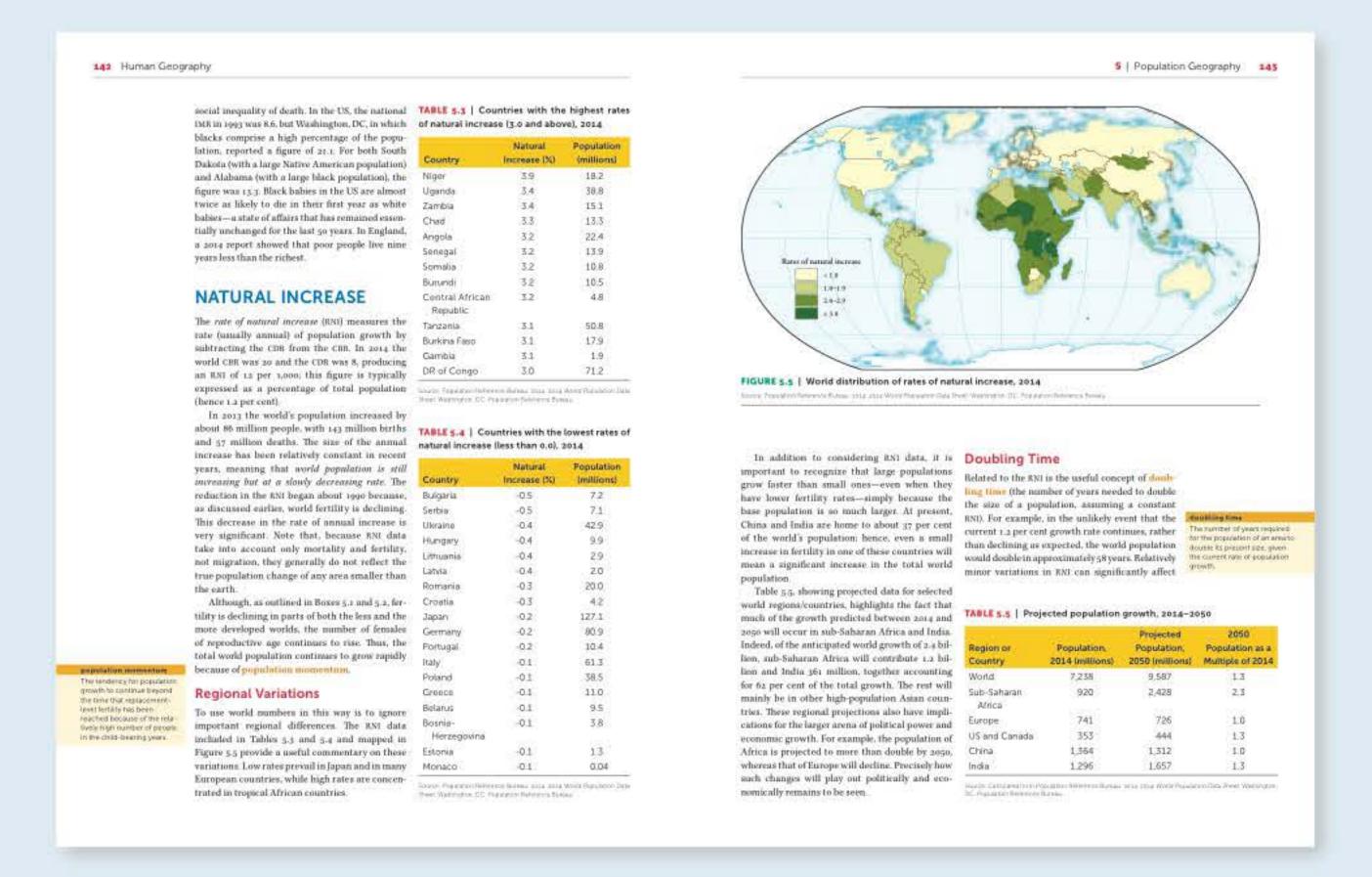
Here are three points to consider as you read this chapter.

- All too clearly, and tragically, the world comprises a collection of unequal places.
 Why is this the case?
- Is the distinction between more and less developed worlds meaningful and helpful? Or are the differences within each category sufficiently great to render it meaningless? Is it useful to identify a least developed world, mostly comprising countries in sub-Saharan Africa?
- How important is good government, especially democracy, to the well-being of a country and its citizens?

A gypsy girl searches for water in a slum area of Lahore, Pakistan. Access to clean water, proper sanitation, and sufficient food and opportunities are some of the discrepancies between the more developed and less developed worlds.



- Chapter 3: Geographies of Globalization A second attempt at objective measurement, one focusing on economic variables, enhances the understanding of globalization. Some chapter content has been streamlined; two new figures have been added.
- Chapter 4: Humans and Environment The discussion of the Anthropocene has been enhanced. Much of the chapter content reflects new facts and ideas, especially concerning
- anthropogenic global warming, with the 2014 IPCC report highlighted.
- Chapter 5: Population Geography As with all previous editions, this discussion features numerous detailed updates. The account of AIDS and other major diseases is now in Chapter 6. A new box discusses the thought-provoking question of how many people have ever lived on earth.
- Chapter 6: Global Inequalities To heighten emphasis on key points, the opening contextual account of global inequality has been shortened and some content has been moved online. The chapter includes a restructured discussion of global food shortages and a new box on the prospects for growth in Africa.
- Chapter 7: Geographies of Culture and Landscape The opening conceptual comments are shorter, with some content moved online. The sections on psychogeography, religions as civilizations, and religion and identity are now online.
- Chapter 8: Geographies of Identity and Difference Simplified discussions of key concepts including race and racism help tighten the chapter's focus. Examples of social inequality have been updated as appropriate.





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The various vibrant ethnic enclaves contained within Vancouver, such as the Punjabi Market area and Chinatown, are evidence of acculturation.

The political logic for the introduction of multiculturalism was succinctly stated by then prime minister Pierre Elliott Trudeau: "Although there are two official languages, there is no official culture, nor does any ethnic group take precedence over any other" (quoted in Kobayashi, 1993: 205). Box 8.5 discusses immigration and ethnic diversity in Canada. Versions of multiculturalism are in place in many other countries, but the idea and policy are contentious.

Some see multiculturalism as a vision of national identity based on pluralism; others see it as divisive, a form of "have a nice day" racism. This is an extremely challenging circumstance in many European countries, where it is frequently argued that multiculturalism facilitates extremism, specifically Islamic extremism, because it tacitly encourages newcomers or those whose

been relatively liberal, permitting significant diversification in the ethnic mix of immigrants. Immigrants from Europe and the United States accounted for about 95 per cent of the total in 1960 but presently make up only about 20 per cent. in the number of qualified professionals, many from Asia tries. A new Immigration Act in 1978 had three principal racist attitudes.

objectives: to facilitate family reunification, to encourage regional economic growth, and to fulfill moral obligations to refugees and persecuted people. Although subsequent gave particular weight to education, employment qualifica- legislation has modified policy details concerning refutions, English- or French-language competence, and family gee claimants and illegal immigration, the overall thrust reunification. Thus, policies in this most recent phase have remained the same until the Conservative election victory. in 2006. Today, there is increased emphasis on admitting immigrants who already have offers of employment.

Canada's liberal immigration policies over the last four decades have benefited the country in many ways. Yet Application of the points system has resulted in an increase —increasing ethnic diversity has made the establishment of a coherent cultural identity an elusive goal. Moreover, some and the Caribbean. More generally, there have been huge. Canadians' reactions against that diversity make it clear that increases in immigrant numbers from less developed coun- we still have a long way to go if we are to free ourselves of

ethnicity is "different" not to assimilate. Policymakers in several European countries currently are seeking to identify and implement some alternative policy that promotes pluralism without creating divisiveness. One strategy favoured by conservative thinkers involves the promotion of a stronger national identity.

cent. In 1962 Canada's immigration rules dropped all refer-

ences to supposed race and nationality, and in 1967 a points

system was introduced that reflected economic needs and

GENDER

As discussed in the Chapter 2 account of feminism, our identities are gendered, a fact that introduces another category of difference. Gender is traditionally understood to involve power relations between dominant males and subordinate females. Indeed, so widespread is this pattern of relations that the few exceptions are well known. For example, the everyday lives of women, including identification Indian state of Meghalaya has a matrilineal system of research topics and analytical strategies. with all wealth passing from mother to daughter and with routine discrimination against men. The system is so deeply embedded in local culture that many nouns assume a feminine form only if the thing referred to becomes useful; tree is masculine, but wood is feminine.

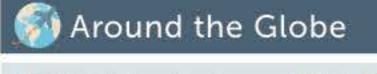
Human geographic recognition of gendered identities and related differences owes much to the work of mostly female geographers inspired by various bodies of feminist theory. Feminist research has also been inspired by Marxist ideas about inequality and need for social justice and by postmodern ideas about excluded groups.

Building on Pratt (2004: 128), the history of feminist geography can be summarized as follows. In the 1970s a critique of the sexism and patriarchy that prevailed, both institutionally and intellectually, in the discipline of geography was initiated. At that time, geography was exceptionally male-dominated, at least partly because of the long-standing links with fieldwork and because any form of outdoor activity typically was presumed to be within the male domain. The new interests in Marxism and humanism did little to correct the traditional gender blindness of the discipline. The feminist geographic critique employed the concept of contextualism to focus on the varied ways that geography ignored the

Feminist Geography

A significant body of feminist geographic research soon emerged with the aim of making space for women, in the everyday world of the university and society more generally and also in the knowledge produced by geographers. This involved acknowledging that people were active agents, living their lives in households and other places.

As this research tradition evolved, it became evident that it was not necessarily appropriate to treat women as a universal category and by the 1990s feminist geographers were considering additional bases for difference besides gender,



BOX 8.5 | Immigration and Ethnic Diversity in Canada

the beginning of the twentieth century, both in total numbers and in ethnic composition. In 1901 the country had 5.3 million people, most of British or French origin; in 2014 Canadians numbered 35.5 million and were one of the most ethnically diverse populations in the world. Four relatively distinct waves of migration can be identified during the twentieth century. The years 1901 to 1914 brought dramatic growth-many immigrants came from the new source areas of Eastern and Southeastern Europe and headed for the prairies. For some years during this period, the annual population growth rate was almost 3 per cent, but these rates slowed with the onset of World War I and remained low, at about 1.4 per cent, until the end of World War II.

The population of Canada has changed dramatically since

The next major increase in immigration, between 1951 and 1961, joined with high fertility to produce an average annual growth rate of 2.7 per cent. In this period, during which the Canadian government was anxious to fill labour shortages in both the agricultural and industrial sectors, immigration policy continued to show a strong preference for British and other European settlers. As noted earlier in this chapter, potential immigrants from Asia were subject

Since 1961 both immigration and fertility in Canada have declined, resulting in annual growth rates of about 1.3 per

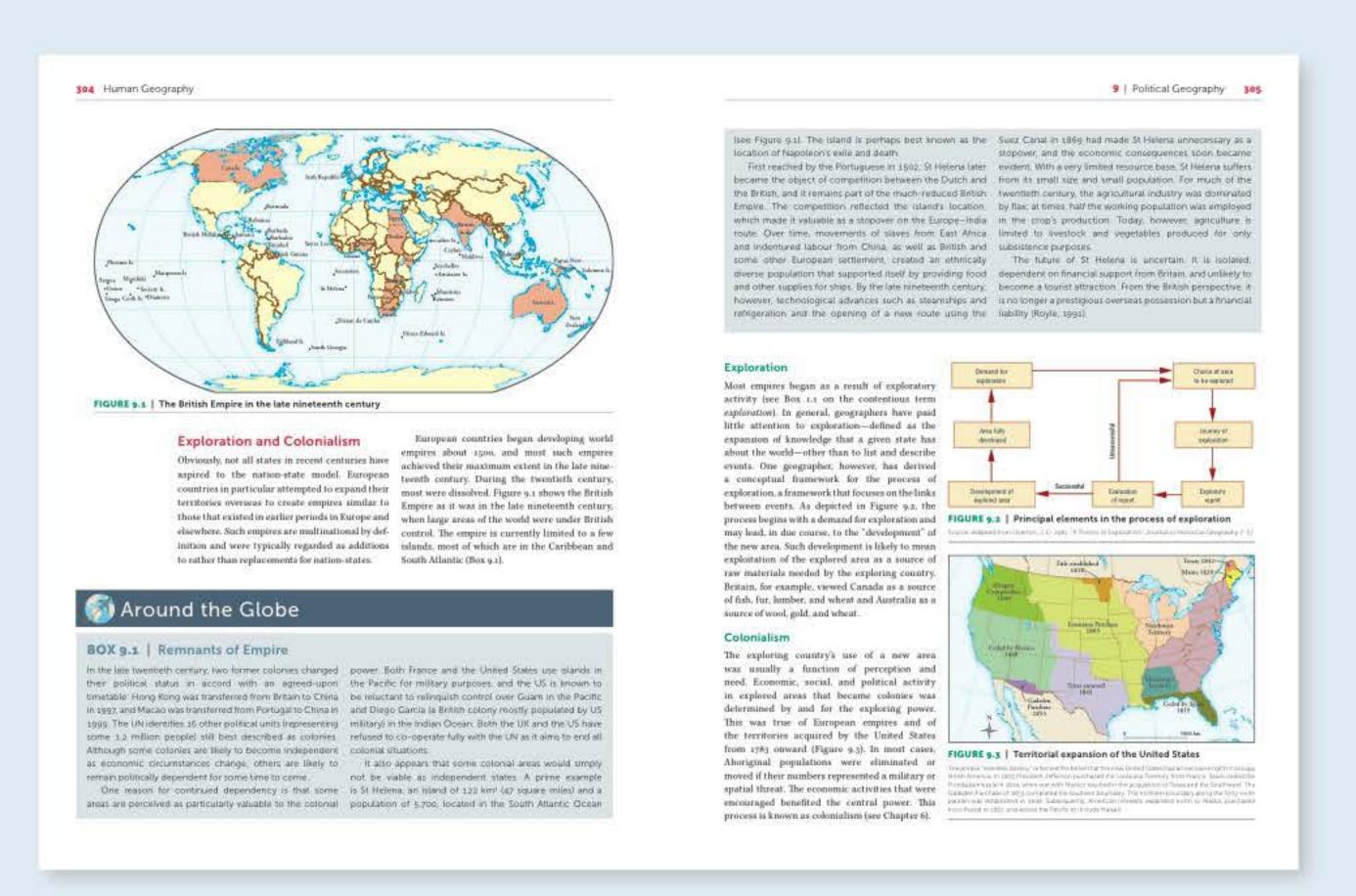


Chapter 9: Political Geography Several sections are now online, including those concerned with predecessors of the nation-state, effects of colonialism, conceptual accounts of state creation, African ethnicity and conflict, and substate governments. There is a new box on Canadian regional identities and substantial updating of current political geographic issues.

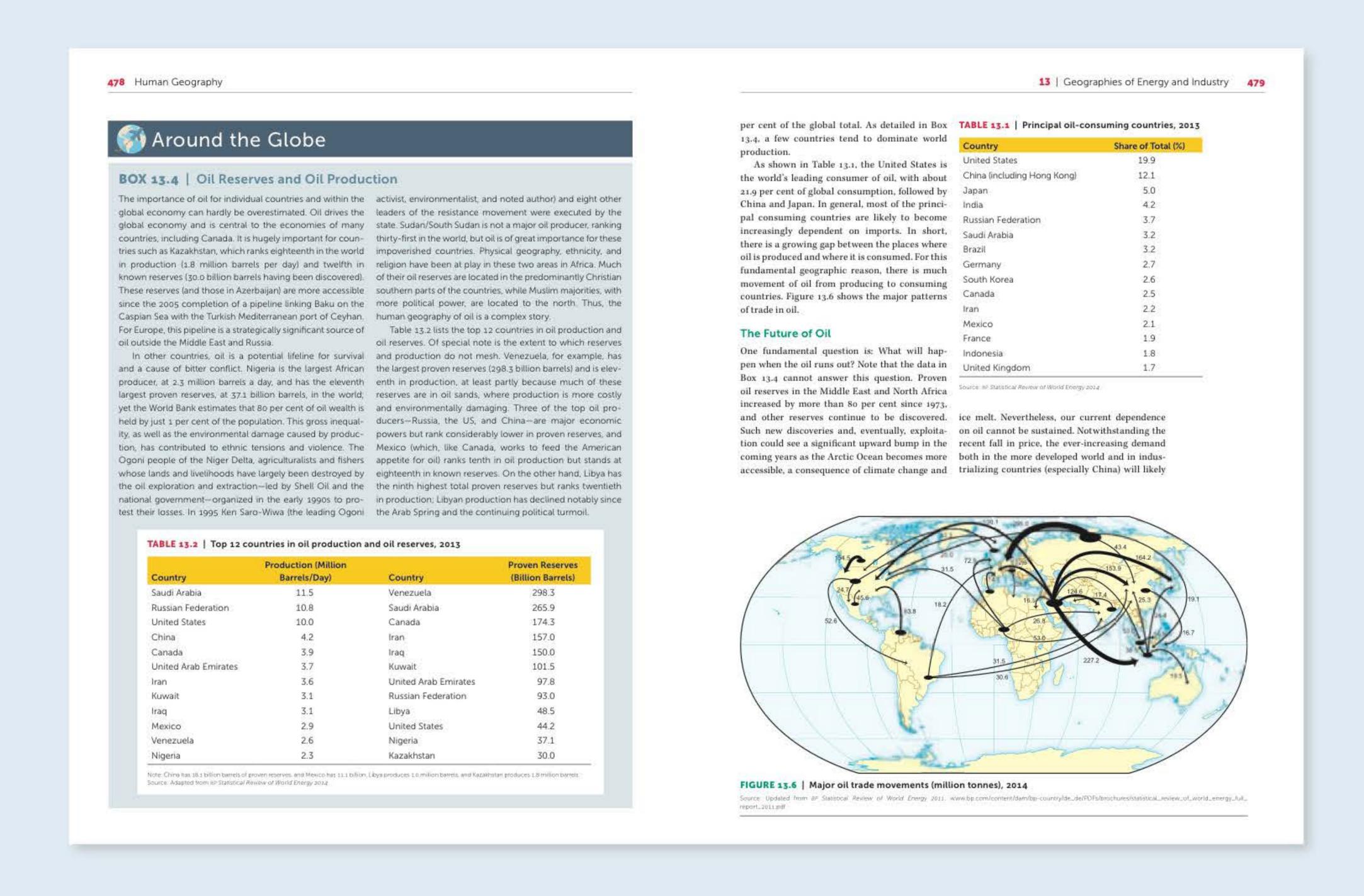
Chapter 10: Agricultural Geography Sections moved online include discussions of pastoral nomadism in the Sahara and Mongolia, agricultural change in Bhutan, and peasantherder conflict in Côte d'Ivoire. The account of the agricultural location problem has been shortened without detracting from the key argument.

Chapter 11: An Urban World This condensed chapter focuses on cities; therefore, content on rural settlement patterns and economic base theory has been removed. The chapter includes new material on urban areas in China and Canada; urban hearths; and pre-industrial cities in Greece and the eastern Mediterranean, the Roman Empire, China and eastern Asia, the Islamic World, and Europe.

Chapter 12: The City and the Urban Form This chapter combines chapters 12 and 13 of the previous edition. Content on city models, urban government, and suburbanization was condensed or removed. New or expanded content includes material on urban structure, modelling the North American city, social segregation, cities as production and consumption centres, and informal settlements.



- Chapter 13: Geographies of Energy and Industry The discussion of fossil fuel energy sources—reserves, production, movement, and consumption—is significantly enhanced, with much new information on natural gas and coal as well as an updated account of oil. There are new boxes concerned with the North
- Antelope Rochelle Mine in the Powder River basin of Wyoming and with deindustrialization in the UK.
- Appendix 2: Global Physical Geography This content is now online.
- Appendix 3: The Evolution of Life This content is now online.



FEATURES

LEARNING TOOLS

Along with thorough chapter introductions and summaries, the text offers the following learning tools:

- Links to other chapters underline connections between topics that may not be apparent at first glance.
- Questions for critical thought and a running glossary reinforce understanding and encourage discussion of core concepts.



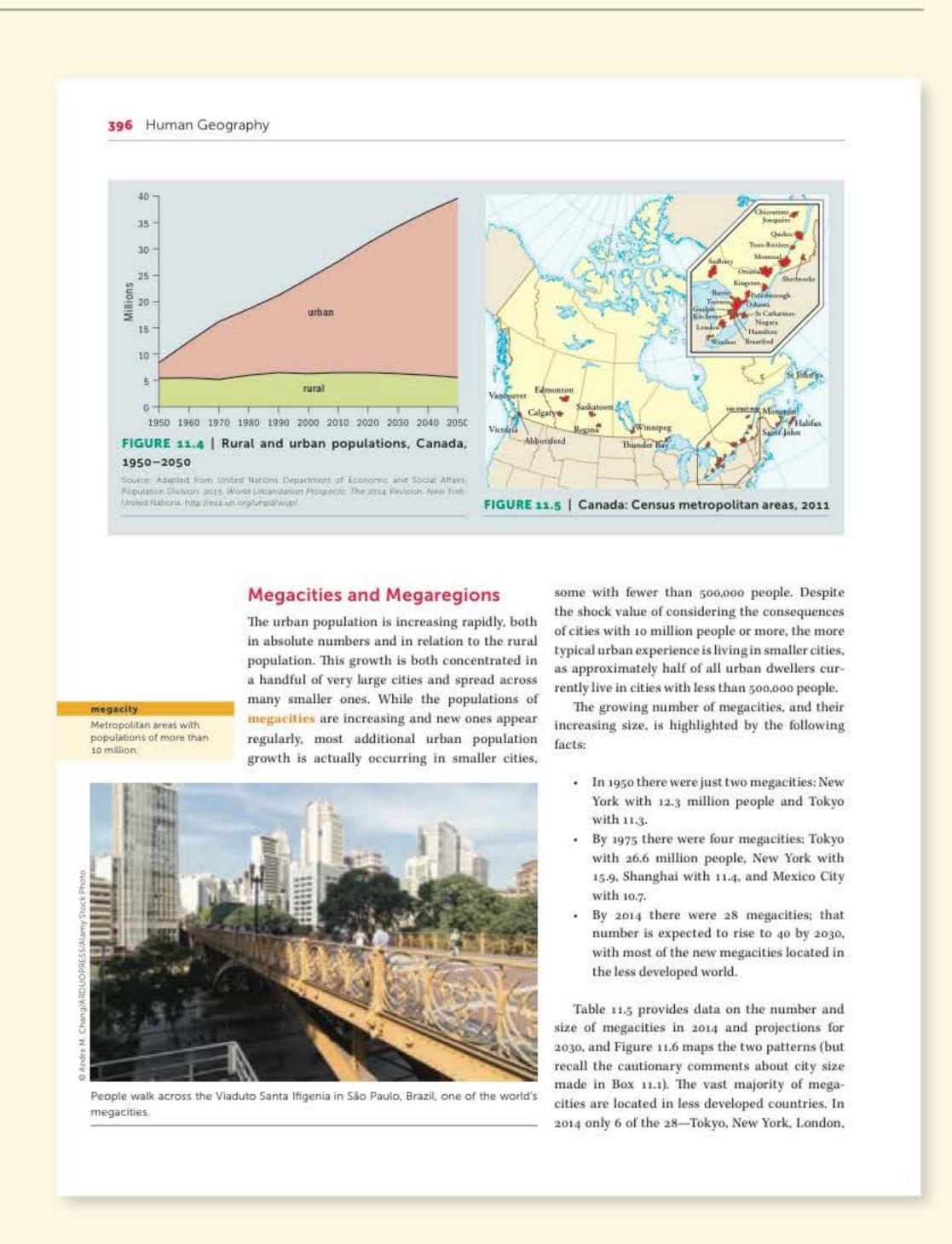


EXTENSIVE BOX PROGRAM

- Contributed "Focus on Geographers" boxes highlight the research of various human geographers, giving students insight into what it is like to work in the field of human geography.
- "In the News" boxes draw students' attention to current events relating to human geography.
- "Around the Globe" boxes introduce students to issues regarding a particular location.
- "Examining the Issues" boxes help students examine theoretical matters that apply to the broader world.

RICHLY ILLUSTRATED CONTENT

The ninth edition continues to emphasize visual learning throughout the text. New and updated figures, tables, maps, and photos enhance students' understanding of the material.





NATIONAL AND GLOBAL PERSPECTIVES

Current Canadian and international examples are used throughout the text. Students will gain a global perspective and a greater understanding of issues such as climate change, world population density, and food shortages.

STUDENT AND INSTRUCTOR SUPPLEMENTS TO THE TEXT

The ninth edition of *Human Geography* is accompanied by a wide range of supplementary online items for students and instructors alike, all designed to enhance and complete the learning and teaching experiences. These resources are available at **www.oupcanada.com/Humange.**

For Students



Online Resources

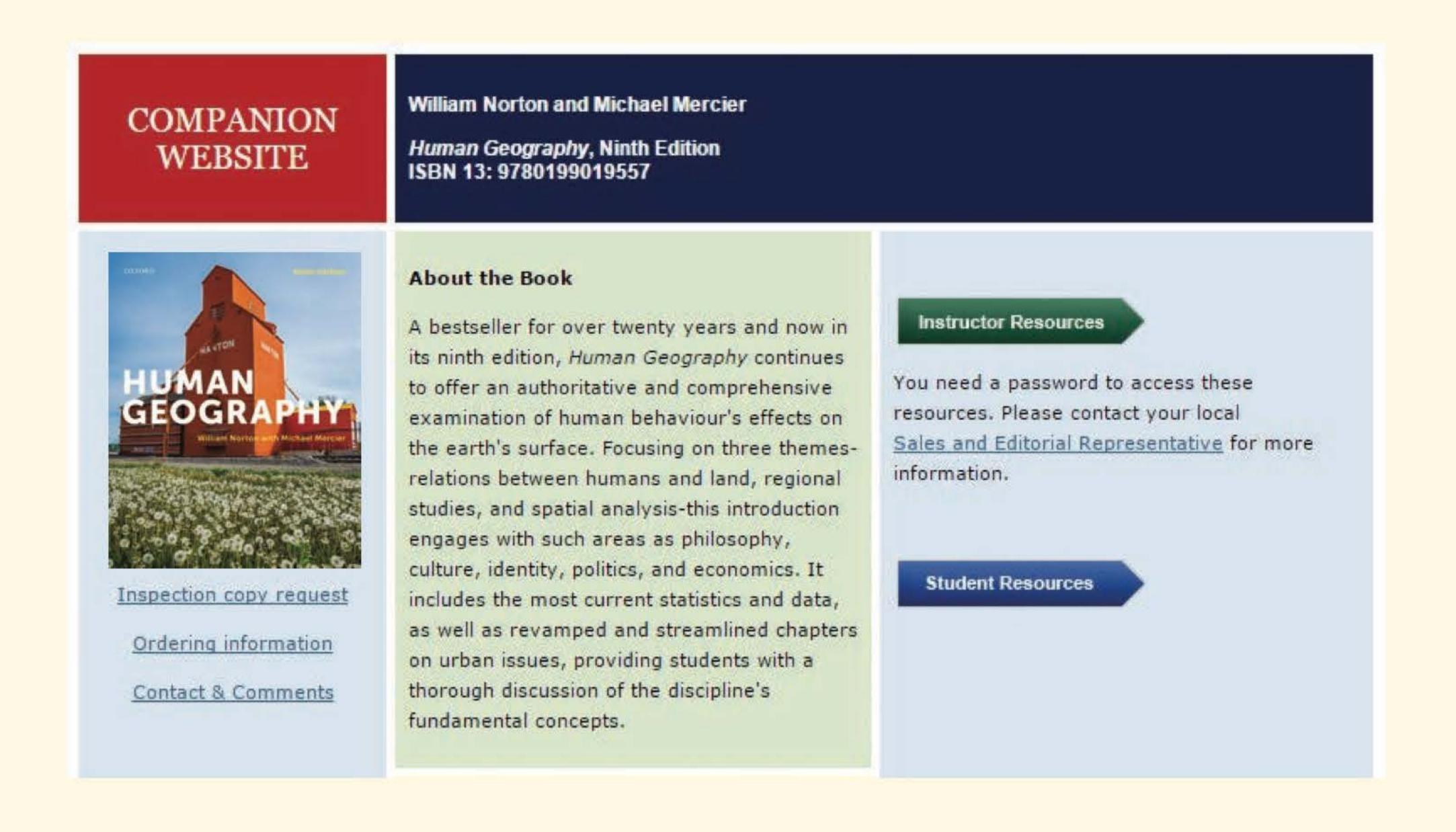
Available at www.oupcanada.com/Humange

A comprehensive student study guide of review material—including research questions, links to human geography websites, interactive practice quizzes and study flash cards, YouTube videos, and Google Earth exercises—is designed to reinforce understanding of the material and provide directions for further research. Two appendices and a substantial portion of material from the previous edition, on topics ranging from trade theories to religious identity, have been placed online; an icon has been added to the text to indicate where these sections relate to chapter content. The website also features a Google Maps guide to key areas discussed in the book, a Google Earth tutorial session, and a streaming video. A mobile study unit provides a screen-ready, condensed version of the chapter pedagogy and elements of the study guide.

For Instructors

The following instructor's resources are available to qualifying adopters. Please contact your OUP sales representative for more information.

- An instructor's manual simplifies class planning by providing learning objectives, expanded key concepts, teaching aids, and discussion topics for each chapter.
- A test generator offers an array of true/false, multiple-choice, short-answer, and essay questions, making test formulating a snap.
- PowerPoint slides provide valuable visual aids for classroom use.
- An image bank containing hundreds of full-colour figures, photographs, and tables
 makes classroom discussion more engaging and relevant.



ACKNOWLEDGEMENTS

WILLIAM NORTON

am pleased to welcome Michael Mercier as a co-author and acknowledge two colleagues for their significant contributions to this new edition: Doug Fast has drawn all the new figures and revised many others; Barry Kaye has continued to draw my attention to numerous new books and relevant news items. I am most grateful for their ongoing interest and involvement in this work. In addition, many other geographers and many of my students have commented on earlier editions, and most of their suggestions are incorporated in this edition. Finally, many thanks to my wife, Pauline, for her unceasing support of my academic activities.

MICHAEL MERCIER

would like to express my gratitude to Bill Norton and the Oxford team for providing me with the opportunity to contribute to such an outstanding book. Several of my colleagues (Walter Peace, Richard Harris, Rob Wilton, and Bruce Newbold) provided insights and have helped guide my teaching and writing throughout my career. Additionally, I'd like to thank the thousands of students in my introductory human geography classes, who inspired me to find the most relevant and illustrative examples of human geographic patterns and processes. I would also like to thank my wife, Patty, and our two boys, Graham and Bennett, for encouraging me to take on this endeavour and supporting me along the way.

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INTRODUCTION

THE ROADS AHEAD

You know that this book is an introduction to human geography—but what does that term mean? Answer this question in a few key words. It should be interesting to compare your initial perception with your understanding after you have read this introductory chapter.

Consider the word *geography*. Its roots are Greek: *geo* means "the world"; *graphei* means "to write." Literally, then, geographers write about the world. The sheer breadth of this task has demanded that it be divided into two relatively distinct disciplines. Physical geography is concerned with the physical world (e.g. climates and landforms), and human geography is concerned with the human world (e.g. agricultural activities and settlement patterns).

So human geographers write about the human world. But what questions do they ask? How do they approach their work? What methods do they employ? Not surprisingly, human geographers ask various questions and have diverse approaches and methods from which to choose. Nevertheless, three themes are central to any study of the human world: relations between humans and land, regionalization, and spatial analysis. Keeping these themes in mind from the start will help you to follow and understand connections among the many aspects of human geography.

THREE RECURRING THEMES

Humans and Land

The human world is not in any sense preordained. It is not the result of any single cause, such as climate, physiography, religion, or culture. It is the ever-changing product of the activities of human beings, as individuals and as group members, working within human and institutional frameworks to modify pre-existing physical conditions. Thus, human geographers often focus on the evolution of the human world with reference to people, their cultures, and their physical environments.

Tourists in Alberta's Banff National Park follow the Johnston Canyon trail. The interactions between humans and landscapes, and their effects, are a central theme in human geography.



landscape

A major concern of geographic study; the characteristics of a particular area especially as created through human activity.

location

A specific part of the earth's surface; an area where something is situated.

globalization

A complex combination of economic, political, and cultural changes that have long been evident but that have accelerated markedly since about 1980, bringing about a seemingly everincreasing connectedness of both people and places.

region

A part of the earth's surface that displays internal homogeneity and is relatively distinct from surrounding areas according to some criterion or criteria; regions are intellectual creations.

We usually describe the human world as a landscape. There are two closely related aspects to the term in this sense:

- Landscape is what exists as a result of human modifications to physical geography. This aspect of landscape includes crops, buildings, lines of communication, and other visible, material features.
- 2. Landscape has significant symbolic content, or meaning. It is hard to view a church, statue, or skyscraper without appreciating that it is something more than a visible, material human addition to the physical geography of a place: such features are expressions of the cultures that produced them.

As human geographers, we are interested in landscape both for what it is and for what it means to live in it: we interpret landscape as the outcome of particular relationships between humans and land. For some geographers, both physical and human, the study of humans and land together is geography. This view, which relates human and physical variables and identifies links, is sometimes called ecological analysis.

Regional Studies

To facilitate their task of writing about the world, human geographers often divide large areas into smaller ones that have one or more features in common. These smaller areas are regions. To regionalize is to classify on the basis of one or more variables. Our ability to regionalize tells us that human landscapes make sense; they are not random assemblages of features. Groups of people occupying particular areas over a period of time create regions, human landscapes that reflect their occupancy and that differ from other landscapes. Much contemporary regional study focuses on this social organization of space, on the impact of creating regions on social and economic life, on interactions between regions, and on regional boundaries as barriers.

Building on a long tradition, contemporary human geography considers regions at a wide range of scales—from the local (a suburban neighbourhood, for example) all the way through to the global (the world as a single region). In acknowledging the relevance of different spatial scales of analysis, human geography reveals the importance of place in all aspects of our lives.

Spatial Analysis

Understanding the human world requires that we explain location, or why things are where they are. Typically, a geographer using a spatial analysis approach tackles this question through theory construction, models, and hypothesis testing (using quantitative methods). For example, we may find that towns in an area are spaced at relatively equal distances apart or that industrial plants are located close to one another. The primary goal of spatial analysis is to explain such locational regularities. Thus, we have already identified two types of spatial organization: the creation of regions and the identification of distinct patterns of locations. A secondary goal is often identifying alternative locational patterns that might be more efficient or more equitable.

Central to this spatial analysis is the realization that all things are related. For geographers, to say that things are related is usually to say that they interact. Perhaps the best examples of interaction in the contemporary world involve what is often described as **globalization**—a complex set of processes with economic, political, and cultural dimensions.

A Common Thread

Our recurring themes reflect three separate but overlapping traditions (to be outlined in Chapter 1). One common thread among them, however, is the fact that the human world is always changing. Thus, human geography, regardless of the specific focus, typically incorporates a time dimension. Change can be a response to either internal or external factors. Some changes are rapid, some gradual. Landscapes change in content and meaning; regions gain or lose their distinctive features; and locations adjust to changing circumstances.

One compelling example of changing geographies can be found in the terrorist attacks of 11 September 2001. The consequences of those attacks, some immediate, some longer-term and still uncertain, have served to reshape both local and global geographies. Locally, the skyline of New York City will never be the same. Nor will the pattern of global politics, since the United States responded to the attacks by invading first Afghanistan, where the ruling Taliban had supported terrorist groups, and then Iraq. Many commentators suggested that global politics would henceforth be characterized by a "clash of

civilizations," and there was widespread acknowledgement that fighting terrorism would require in-depth understanding of local geographies, both physical and human.

In identifying our three principal themes, we explicitly acknowledge the legitimacy of multiple approaches to our subject matter: the human world. It is also important to note how the application of these approaches changes over time. Such change is equally legitimate—and necessary—in any dynamic discipline.

WHY "HUMAN" **GEOGRAPHY?**

Although many geographers have striven to make their field a truly integrated one, combining physical and human components (as in the humansand-land theme), human geography and physical geography are typically acknowledged to be relatively distinct disciplines. Contemporary human geographers do not deny the relevance of physical geography to their work, but they do not insist that their studies always include a physical component. Because human geography studies human beings, it has close ties with social sciences such as history, economics, anthropology, sociology, psychology, and political studies. One of the particular strengths of human geography is that it considers the human world in multivariate terms, incorporating physical and human factors as necessary. Where appropriate, then, this book introduces aspects of physical geography. For example, to understand world population distributions, we obviously need to know about global climates. However, we also need to know about human perceptions of those climates. Thus, human geography is related to but separate from physical geography in much the same way as it is related to but separate from the other disciplines that study human beings.

The central subject matter of human geography is human behaviour as it affects the earth's surface. Expressed in this way, the subject matter of human geography is very similar to that of the various other social sciences, all of which focus on human behaviour in some specific context.

Defining Human Geography

Providing a meaningful one-sentence definition of any academic discipline is a real challenge. In the case of human geography, however, the American

geographer Charles Gritzner has suggested a useful definition in the form of three closely related questions:

What is where, why there, and why care? (Gritzner, 2002)

Every exercise in human geography, regardless of which theme it highlights, begins with the spatial question: "Where?" Once the basic environmental, regional, and spatial facts are known, the geographer focuses on understanding, or explaining, "Why there?" Finally, the third part of the question-"Why care?"-draws attention to the pragmatic nature of human geography: geographic facts matter because they reflect and affect human life. This is true of any geographic fact, whether it is something as seemingly mundane as the distance between your home and the nearest convenience store or something as far-reaching or serious as a drought or a civil war that causes peasant farmers in Ethiopia to lose all their crops.

THE GOAL OF HUMAN **GEOGRAPHY**

Writing about the human world to increase our understanding of it has been the goal of human geography at least since the time of the ancient Greeks and the rise of Chinese civilization. Two statements of this continuing goal help to explain why it remains so important:

The function of geography is to train future citizens to imagine accurately the conditions of the great world stage and so help them to think sanely about political and social problems in the world around. (Fairgrieve, 1926: 18)

Geography is the only subject that asks you to look at the world and try to make sense of it. The field never stops being exciting, because that's what geography [is] all about—trying to make sense of the world. (Lewis, 2002: 4)

Although written some 80 years apart, these two statements express essentially the same view. Human geography is a practical and socially relevant discipline that has a great deal to teach us about the world we live in and how we live in

society

The interrelationships that connect individuals as members of a culture.

basis for comprehending the human world as it is today and as it has evolved. If it succeeds, it will have made a contribution to the more general goal of advancing a just global society. Students of human geography are in an enviable position to accomplish this more general goal. A holistic discipline, human geography is not restricted to any narrowly defined subject or single theme that could limit our ability to appreciate what we might call the interrelatedness of things. Traditional links with physical geography clearly play a key role, but human geographers do not hesitate to draw on material and ideas from many other disciplines. This book overtly recognizes and reflects the controlled diversity of human geography.

the world. The goal of this book is to provide a

ABOUT THIS BOOK

This diversity means that we have much subject matter and many methods to introduce. Chapters 1 and 2 address two basic issues. Chapter 1 investigates the nature of human geography and its history as an endeavour of research and exploration. Our discipline has a long and fascinating history, involving many different groups of people and many noteworthy individuals working in different places at different times. The close ties between human and physical geography are evident. By the time you reach the end of this chapter, the origins of our three recurring themes should be clear. In Chapter 2, we look at the many ways in which human geography is now studied. This subject naturally includes many technical matters. Before turning to them, however, we will look at the philosophies behind each of our three recurring themes. Some of these ideas may seem somewhat abstract on your first reading, but as you read further you will find that they are central to the issues discussed in later chapters.

The increasing necessity for human geographers to discuss many topics at a global (as opposed to a local, regional, or national) scale is a feature of the contemporary world. To point out this trend is one way of saying that our world is becoming more and more integrated and interconnected. It is not only where things are located that matters but also the connections between locations. Chapter 3, "Geographies of Globalization," details these globalization processes and thus provides

an essential context for understanding contemporary human geography.

Chapter 4 offers an overview of humans' global impact on and adjustment to the physical environment. Surveying humans' occupation of the earth through time, we consider the use and abuse of resources and related environmental issues, which are of crucial importance to contemporary life. The theme of the relationship between humans and land is particularly evident in this chapter.

The next two chapters deal with population topics, both globally and in major world regions. Chapter 5 describes and suggests explanations for the exponential growth in global population, especially since about 1650, and identifies some consequences of that growth. The use of population data as indicators of regional inequalities is examined in Chapter 6, including a discussion of the idea that the world's countries can be divided into two general groups, less developed and more developed. All three of our recurring themes come into play in these chapters.

Much human geography is best studied on a group scale, employing the concepts of culture and society as they relate to human landscapes. Chapter 7 focuses on the evolution and regionalization of landscapes and includes discussions of language and religion as these involve the formation of groups and the creation of landscapes. Chapter 8 continues the discussions of group identities and related landscapes with reference to the myth of race, ethnicity, gender, and sexuality. Like Chapter 6, this chapter encourages us to think about various examples of inequality in the human experience from place to place. Two of our three recurring themes, humans and land and regional studies, are central to these discussions.

Political groupings of people in space are the subject of Chapter 9, which looks at the reasons behind the current partitioning of the world into territories. Because division into political units is the most fundamental way in which humans divide the world, this chapter includes discussions of the significance of these divisions for our way of life. Here again, the themes of humans and land and regional studies are crucial.

The next four chapters include a good deal of spatial analysis—our third recurring theme—while also reflecting our other two themes. Chapter 10, on agriculture, asks why specific

less developed world

All countries not classified as more developed (see more developed world); countries characterized by a low standard of living.

more developed world

(According to a United Nations classification)
Europe, North America, Australia, Japan, and New Zealand; countries characterized by a high standard of living.

to restructuring processes; and considers issues

related to food consumption.

Chapter 11, the first of two chapters on the urban world, discusses the origins and growth of urban centres; world urbanization; and pre-industrial and world cities. Chapter 12 looks at how cities are structured and governed; at how people move around cities; at the spread of cities into previously rural areas; at cities as homes, with an emphasis on neighbourhoods and segregation; at reasons for poverty and deprivation inside cities; at cities as centres of production and consumption; and at city life in the less developed world.

Chapter 13, on industrial activity, looks at the reasons behind industrial location decisions, the period known as the Industrial Revolution, sources of energy, contemporary industrial circumstances in a global context, and the complex processes of industrial restructuring that are possibly related to a new post-industrial phase. Finally, the conclusion highlights some of the changing ways that human geographers study our changing world. For a summary of the structure of this book, indicating the chapters of most relevance for the various subdisciplines of human geography, see Table I.1.

You are probably beginning to realize that human geographers seek to understand both the world and people's lives within it. As previously noted, this book works to achieve these aims by incorporating not only a wide variety of facts about humans and their world but also a number of different approaches to those facts.

THE HUMAN GEOGRAPHER AT WORK

What do human geographers actually do? What problems do they strive to solve? The following two vignettes offer some preliminary insights into the concerns and activities of human geographers that will be further explored in later chapters. The first looks at some of the ways our world is divided; the second looks at some of the ongoing transformations of global life.

TABLE I.1 | Subdisciplines of human geography and text coverage

Subdiscipline	Chapters
Transportation geography	3
Geography of trade	3
Geography of natural resources	4
Environmental geography	4
Geography of energy	4 and 14
Population geography	5 and 6
Geography of migration	5
Geography of the less developed world	6
Regional development and planning	6 and 13
Cultural geography	7 and 8
Social geography	8 and 12
Geography of tourism	8
Feminist geography	8
Political geography	9
Economic geography	3, 10, 11, 12, and 13
Agricultural and food geography	10
Settlement geography	11 and 12
Rural geography	10 and 11
Urban geography	11 and 12
Industrial geography	13

A World Divided

Political Units

The map inside this book's front cover shows how the earth's land surface is divided into countries—one example of the diversity of human life. Are the divisions changing today or even between the time when we are writing and the time when you read these words? Is the total number of countries increasing or decreasing? What do these political divisions reflect: population distribution, cultures, economies? Is it possible to aggregate countries? Are there meaningful groupings? Do basic aggregations such as North versus South or East versus West have any value? These are some of the questions that human geographers ask.

We will answer the first of these questions now. The political world changes substantially. Consider that the map shows more than 190 countries; as recently as the 1930s, there were only about 70. Several major changes have increased the number of countries, including the decolonization of Africa and Asia, the political consequences of World War II, and the post-1989



After a long conflict with the north, South Sudan declared its independence on 9 July 2011. Independence day celebrations attracted tens of thousands of people, many displaying the country's flag.

political transformation of Europe and the former USSR. As of 2015, the most recent addition to the world map is South Sudan. More changes seem likely because the contemporary political world is characterized by two tendencies in particular: a tendency for regions to begin a process of integration, as in the case of the European Union, and a tendency for portions of some countries to seek a separate political identity, as in the case of Quebec within Canada.

Quality of Life

The world is divided into political units and, as previously mentioned, into larger areas often referred to as more developed or less developed. Our human world is full of diversity: languages, religions, ethnic identities, and standards of living all vary from place to place. There are differences among individuals and also more general differences between groups of individuals. Similarly, landscapes vary. Each particular location is unique, but it is often more useful to note the more general differences that exist between regions. The photographs to the right suggest a basic distinction in our contemporary world. In the first, we see middle-class people in a prosperous area of a modern Western urban centre; we can probably assume that most of them are employed, own or



Stephen Avenue, a popular pedestrian mall, in Calgary, Alberta.



A farm labourer with his family in front of their house in rural Rivas Department, west of Lake Nicaragua.

Jeff Whyte