

them situate and analyze what they see. We, the authors, have countless field experiences, and we will share these with you to help you understand the diversity of Earth's surface and show how global processes have unique outcomes in different places.

Solving major global problems such as hunger or AIDS is complicated in our interconnected world. Each solution has its own ramifications not only in one place, but also across regions, nations, and the world. Our goals in this book are to help you see the multitude of interconnections in our world, to help you recognize the patterns of human geographic phenomena that shape the world, to help you understand the uniqueness of place, and to teach you to ask and answer your own geographic questions about this world we call home.

## Key Questions For Chapter 1

1. What is human geography?
2. What are geographic questions?
3. Why do geographers use maps, and what do maps tell us?
4. Why are geographers concerned with scale and connectedness?
5. What are geographic concepts, and how are they used in answering geographic questions?

### WHAT IS HUMAN GEOGRAPHY?

Human geographers study people and places. The field of **human geography** focuses on how people make places, how we organize space and society, how we interact with each other in places and across space, and how we make sense of others and ourselves in our localities, regions, and the world.

Advances in communication and transportation technologies are making places and people more interconnected. Only 100 years ago the fastest modes of transportation were the steamship, the railroad, and the horse and buggy. Today, people can cross the globe in a matter of days, with easy access to automobiles, high-speed railroads, airplanes, and ships.

Economic globalization and the rapid diffusion of elements of popular culture, such as fashion and architecture, are making many people and places look more alike. Despite the push toward homogeneity, our world still encompasses a multitude of ways in which people identify themselves and others. The world consists of nearly 200 countries, a diversity of religions, thousands of languages, and a wide variety of settlement types, ranging from small villages to enormous global cities. All of these attributes come together in different ways around the globe to create a world of endlessly diverse places and people. Understanding and explaining this diversity is the mission of human geography.

Because the world is so interconnected, we cannot look solely at the characteristics of individual places.

Instead, we must recognize that places all over the world are fundamentally affected by the “globalization” of many phenomena. **Globalization** is a set of processes that are increasing interactions, deepening relationships, and accelerating interdependence across national borders. It is also a set of outcomes that are felt from these global processes—outcomes that are unevenly distributed and differently manifested across the world.

All too often, discussions of globalization focus on the pull between the global, seen as a blanket covering the world, and the local, seen as a continuation of the traditional despite the blanket of globalization. Geographers are well placed to recognize globalization as something significantly more complex. Geographers employ the concept of “scale” to understand individual, local, regional, national, and global interrelationships. What happens at the global scale affects the local, but it also affects the individual, regional, and national, and similarly the processes at these scales influence the global. Reducing the world to “local” and “global” risks losing sight of the complexity that characterizes modern life. In this book, we study globalization, but as geographers we are sensitive to the fact that the same globalized process has different impacts in different places because no two places are the same. Moreover, whenever we look at something at one scale, we always try to think about how processes that exist at other scales may affect what we are looking at, and vice versa (see the discussion of scale later in this chapter).

Globalizing processes occur at the world scale; these processes bypass country borders and include global financial markets and global environmental change. However, the processes of globalization do not magically appear at the global scale: *what happens at other scales (individual, local, regional, national) helps create the processes of globalization and shape the outcomes of globalization.*

Some argue that the impacts of globalization are exaggerated, but as geographers Ron Johnston, Peter Taylor, and Michael Watts explain, “Whatever your opinion may be, any intellectual engagement with social change in the twenty first century has to address this concept seriously, and assess its capacity to explain the world we currently inhabit.” We integrate the concept of globalization into this textbook because processes at the global scale, processes that are not confined to local places or national borders, are clearly changing the human geography of the planet. At the same time, as we travel the world and continue to engage in fieldwork and research, we are constantly reminded of how different places and people are from one another—processes at the individual, local, regional, and national scales continue to change human geography and shape globalization.

No place on Earth is untouched by people. As people explore, travel, migrate, interact, play, live, and work, they make places. People organize themselves into communities, nations, and broader societal networks, establishing political, economic, religious, linguistic, and cultural systems that enable them to function in space. People adapt to, alter, manipulate, and cope with their physical geographic environment. No environment stands apart from human action. Each place we see is affected by and created by people, and each place reflects the culture of the people in that place over time.



Imagine and describe the most remote place on Earth you can think of 100 years ago. Now, describe how globalization has changed that place and how the people there continue to shape it and make it the place it is today.

### WHAT ARE GEOGRAPHIC QUESTIONS?

Geographers study human phenomena such as language, religion, and identity, as well as physical phenomena such as landforms, climate, and environmental change. Geographers also examine the interactions between humans and environment. Human geography is the study of the spatial and material characteristics of the human-made places and people found on Earth's surface; **physical**

**geography** asks similar questions about the natural environment. Human and physical geographers adopt a similar perspective but focus on different phenomena.

Geographer Marvin Mikesell once gave a shorthand definition of geography as the “why of where.” Why and how do things come together in certain places to produce particular outcomes? Why are some things found in certain places but not in others? How do the characteristics of particular places shape what happens? To what extent do things in one place influence those in other places? To these questions, we add “so what?” Why do differences across geographic space matter? What role does a place play in its region and in the world, and what does that mean for people there and elsewhere? Questions such as these are at the core of geographic inquiry—whether human or physical—and they are of critical importance in any effort to make sense of our world.

If geography deals with so many aspects of our world, ranging from people and places to coastlines and climates, what do the various facets of this wide-ranging discipline have in common? The answer lies in a perspective that both human and physical geographers bring to their studies: a **spatial** perspective. Whether they are human geographers or physical geographers, virtually all geographers are interested in the spatial arrangement of places and phenomena, how they are laid out, organized, and arranged on the Earth, and how they appear on the landscape.

Mapping the **spatial distribution** of a phenomenon can be the first step to understanding it. By looking at a map of how something is distributed across space, a geographer can raise questions about how the arrangement came about, what processes create and sustain the particular distributions or **patterns**, and what relationships exist between different places and things.

### Maps in the Time of Cholera Pandemics

In **medical geography**, mapping the distribution of a disease is the first step to finding its cause. In 1854, Dr. John Snow, a noted anesthesiologist in London, mapped cases of cholera in London's Soho District.

Cholera is an ancient disease associated with diarrhea and dehydration. It was confined to India until the beginning of the nineteenth century. In 1816 it spread to China, Japan, East Africa, and Mediterranean Europe in the first of several **pandemics**, worldwide outbreaks of the disease. This initial wave abated by 1823, but by then cholera was feared throughout the world, for it had killed people everywhere by the hundreds, even thousands. Death was horribly convulsive and would come in a matter of days, perhaps a week, and no one knew what caused the disease or how to avoid it.

Soon a second cholera pandemic struck. It lasted from 1826 to 1837, when cholera crossed the Atlantic and attacked North America. During the third pandemic, from 1842 to 1862, England was severely hit, and cholera again spread into North America.