CHAPTER 19

Eastern Europe

What You Will Learn...

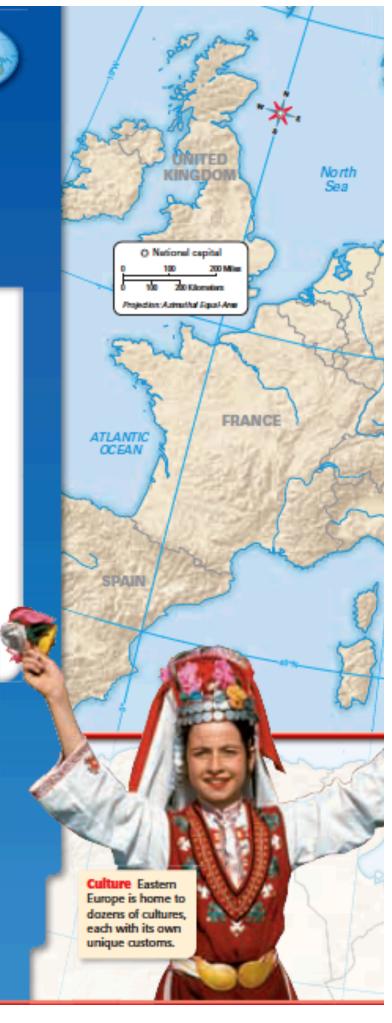
In this chapter you will learn about the countries of Eastern Europe. Once dominated by the Soviet Union, these countries have experienced major changes since the early 1990s. In some cases, those changes have been peaceful and have led to great economic success. In other places, the changes resulted in war, economic hardship, and political problems.

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FOCUS ON READING AND VIEWING

Understanding Problems and Solutions Writers sometimes organize information by stating a problem and then explaining the solution taken to solve it. To understand this type of writing, you need to identify both problems and solutions. See the lesson, Understanding Problems and Solutions, on page 534.

Presenting and Viewing Visual Reports After you read this chapter, you will present an oral report about one Eastern European country. You will also create a poster showing important features of the country. Finally, you will view and critique your classmates' reports and posters.





SECTION

What You Will Learn...

Main Ideas

- 1. The physical features of Eastern Europe include wide open plains, rugged mountain ranges, and many rivers.
- 2. The climate and vegetation of Eastern Europe differ widely in the north and the south.

The Big Idea

The physical geography of Eastern Europe varies greatly from place to place.

Key Places

Carpathians, p. 468 Balkan Peninsula, p. 469 Danube, p. 470 Chernobyl, p. 471

III Draw a chart like the one below. As you read this section, use the chart to take notes about the landforms, climate, and vegetation of Eastern Europe.

Climate	Vegetation
	Climate

Physical **Geography**

If YOU lived there...

You are traveling on a boat down the Danube River, one of the longest in Europe. As you float downstream, you pass through dozens of towns and cities. Outside of the cities, the banks are lined with huge castles, soaring churches, and busy farms. From time to time, other boats pass you, some loaded with passengers and some with goods.

Why do you think the Danube is so busy?

BUILDING BACKGROUND The physical geography of Eastern Europe varies widely from north to south. Many of the landforms you learned about in earlier chapters, including the Northern European Plain and the Alps, extend into this region.

Physical Features

Eastern Europe is a land of amazing contrasts. The northern parts of the region lie along the cold, often stormy shores of the Baltic Sea. In the south, however, are warm, sunny beaches along the Adriatic and Black seas. Jagged mountain peaks jut high into the sky in some places, while wildflowers dot the gently rolling hills of other parts of the region. These contrasts stem from the region's wide variety of landforms, water features, and climates.

Landforms

As you can see on the map, the landforms of Eastern Europe are arranged in a series of broad bands. In the north is the Northern European Plain. As you have already learned, this large plain stretches across most of Northern Europe.

South of the Northern European Plain is a low mountain range called the Carpathians (kahr-PAY-thee-uhnz). These rugged mountains are an extension of the Alps of West-Central Europe. They stretch in a long arc from the Alps to the Black Sea area.

South and west of the Carpathians is another plain, the Great Hungarian Plain. As its name suggests, this fertile area is located mostly within Hungary.

South of the plain are more mountains. the Dinaric (duh-NAR-ik) Alps and Balkan Mountains. These two ranges together cover most of the Balkan Peninsula, one of the largest peninsulas in Europe. It extends south into the Mediterranean Sea.

Water Features

Like the rest of the continent, Eastern Europe has many bodies of water that affect how people live. To the southwest is the Adriatic Sea, an important route for transportation and trade. To the east, the Black Sea serves the same function. In the far north is the Baltic Sea. It is another important trade route, though parts of the sea freeze over in the winter.

ACADEMIC VOCABULARY

function use or purpose



In addition to these seas, Eastern Europe has several rivers that are vital paths for transportation and trade. The longest of these rivers, the **Danube** (DAN-yoob), begins in Germany and flows east across the Great Hungarian Plain. The river winds its way through nine countries before it finally empties into the Black Sea.

Primary Source

BOOK

The Plains of Ukraine

One of Russia's greatest novelists, Nikolai Gogol (gaw-guhl), was actually born in what is now Ukraine. Very fond of his homeland, he frequently wrote about its great beauty. In this passage from the short story "Taras Bulba," he describes a man's passage across the wide open fields of Ukraine.

Mo plough had ever passed over the immeasurable waves of wild growth; horses alone, hidden in it as in a forest, trod it down. Nothing in nature could be finer. The whole surface resembled a golden-green ocean, upon which were sprinkled millions of different flowers. Through the tall, slender stems of the grass peeped light-blue, dark-blue, and lilac star-thistles; the yellow broom thrust up its pyramidal head; the parasolshaped white flower of the false flax shimmered on high. A wheat-ear, brought God knows whence, was filling out to ripening. Amongst the roots of this luxuriant vegetation ran partridges with outstretched necks. The air was filled with the notes of a thousand different birds.

-- from "Taras Bulba," by Nikolai Gogol



As you might expect, the Danube is central to the Eastern European economy. Some of the region's largest cities lie on the Danube's banks. Thousands of ships travel up and down the river every year, loaded with both goods and people. In addition, dams on the western parts of the river generate much of the region's electricity. Unfortunately, the high level of activity on the Danube has left it heavily polluted.

READING CHECK | Finding Main Ideas What are the main bodies of water in Eastern Europe?

Climate and Vegetation

Like its landforms, the climates and natural vegetation of Eastern Europe vary widely. In fact, the climates and landscapes found across Eastern Europe determine which plants will grow there.

The Baltic Coast

The shores of the Baltic Sea are the coldest location in Eastern Europe. Winters there are long, cold, and harsh. This northern part of Eastern Europe receives less rain than other areas, but fog is common. In fact, some parts of the area have as few as 30 sunny days each year. The climate allows huge forests to grow there.

The Interior Plains

The interior plains of Eastern Europe are much milder than the far north. Winters there can be very cold, but summers are generally pleasant and mild. The western parts of these plains receive much more rain than those areas farther east.

Because of this variation in climate, the plains of Eastern Europe have many types of vegetation. Huge forests cover much of the north. South of these forests are open grassy plains. In the spring, these plains erupt with colorful wildflowers.



Unfortunately, Eastern Europe's forests were greatly damaged by a terrible accident in 1986. A faulty reactor at the Chernobyl (chuhr-NOH-buhl) nuclear power plant in Ukraine exploded, releasing huge amounts of radiation into the air. This radiation poisoned millions of acres of forest and ruined soil across much of the region.

The Balkan Coast

Along the Adriatic Sea, the Balkan coast has a Mediterranean climate, with warm summers and mild winters. As a result, its beaches are popular tourist destinations.

Because a Mediterranean climate does not bring much rain, the Balkan coast does not have many forests. Instead, the land there is covered by shrubs and hardy trees that do not need much water.

READING CHECK Contrasting How do the climates and vegetation of Eastern Europe vary?

FOCUS ON READING

What problems did the Chemobyl accident cause for Eastern Europe?

SUMMARY AND PREVIEW The landforms of Eastern Europe vary widely, as do its cultures. Next you will study the cultures of the northernmost parts of the region.

Section 1 Assessment

Reviewing Ideas, Terms, and Places

- 1. a. Identify What are the major mountain ranges of Eastern Europe?
 - b. Make Inferences How do you think the physical features of Eastern Europe influence where people live?
 - c. Elaborate Why is the Danube so important to the people of Eastern Europe?
- 2. a. Describe What is the climate of the Balkan Peninsula like?
 - b. Explain Why are there few trees in the far southern areas of Eastern Europe?
 - c. Predict How do you think the lingering effects of the Chernobyl accident affect the plant life of Eastern Europe?

Critical Thinking

Categorizing Draw a chart like the one shown here. In each column, identify the landforms, dimates, and vegetation of each area in Eastern Europe.

	Landforms	Climates	Vegetation
Baltic coast			
Interior plains			
Balkan coast			

FOCUS ON VIEWING

4. Presenting Physical Geography Until you decide what country you will report on, take notes about all of them. Make a list of the countries of Eastern Europe and the physical features found in each.