

Getting Started with Map Builder

1. How to Access Map Builder

2. An Overview of Map Builder

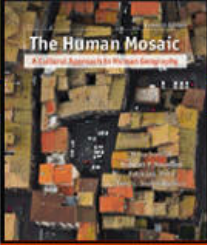
3. Using Map Builder as a Teaching Tool

When it comes to teaching geography, a map is truly worth a thousand words. Geography instructors routinely use maps to depict geographic patterns, analyze spatial relationships between different geographic phenomena, and understand the physical and human processes at play. Map Builder is a flexible, user-friendly mapping tool developed by W.F. Freeman and Maps.com. It allows instructors to create and display a large number of custom maps in class with just a few mouse clicks and print them if needed. Used properly, Map Builder can be a valuable teaching tool that enhances the effectiveness of geographic teaching. This document provides a quick guide to get you started with using this tool.

1. How to Access Map Builder

Map Builder is a free resource for registered instructors to use. If you have not registered with W.H. Freeman, you may go to its website, <http://www.whfreeman.com/jordan11e/>, to sign up as an instructor. W.H. Freeman will grant you instructor access to its site once your status as an instructor is confirmed.

After you log in, you will see the main page for *The Human Mosaic* book:



The Human Mosaic
Eleventh Edition
A Cultural Approach to Human Geography

Mona Domosh • Roderick P. Neumann • Patricia L. Price • Terry G. Jordan-Bychkov

The Human Mosaic

Eleventh Edition

A Cultural Approach to Human Geography

Mona Domosh • Roderick P. Neumann • Patricia L. Price • Terry G. Jordan-Bychkov

Welcome Joe
You have
Instructor
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Welcome to the Instructor's web site for the eleventh edition of *The Human Mosaic; A Cultural Approach to Human Geography*, by Mona Domosh, Roderick P. Neumann, Patricia L. Price, and Terry G. Jordan-Bychkov. The site is offered as a free resource to instructors using *The Human Mosaic; A Cultural Approach to Human Geography*, by Mona Domosh, Roderick P. Neumann, Patricia L. Price, and Terry G. Jordan-Bychkov, eleventh edition textbook to help you as you teach the concepts in the book and to aid in your lecture presentations.

View Content by Chapter

Chapter 1: Human Geography: A Cultural Approach

Chapter 2: Many Worlds: Geographies of Cultural Difference

Chapter 3: Geodemography: Peopling the Earth

Chapter 4: The Geography of Religion: Spaces and Places of Sacredness

Chapter 5: Speaking About Places: The Geography of Language

Chapter 6: Ethnic Geography: Homelands and Islands

Chapter 7: Political Geography: A Divided World

Instructor Resources

<ul style="list-style-type: none"> ● Syllabus Posting ● Art PowerPoints ● Textbook Images ● Test Bank 	<ul style="list-style-type: none"> ● Professional Links & List Servers ● "FRONTLINE/World" Video Anthology Instructor Guide ● Map Builder ● Video Correlation Guide for Geography Videos and Map Quizzing site
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Student Tools

<ul style="list-style-type: none"> ● Web Activities ● Web Links 	<ul style="list-style-type: none"> ● World Links ● How to Read Maps
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Simply click the Map Builder button under **Instructor Resources** to access the program. The Map Builder page contains 11 separate map and program files. It looks like this:

HO
MO
SAIC

The Human Mosaic

Eleventh Edition
A Cultural Approach to Human Geography

Map Builder

Map Builder : Map Builder

Other Resources

- Map Builder

Note: These files are "zipped" and may take a few minutes to download due to their file size. Click [here](#) to download WinZip.

[Chapter 1](#) (click [here](#) to download the Chapter 1 Map Builder)
[Chapter 2](#) (click [here](#) to download the Chapter 2 Map Builder)
[Chapter 3](#) (click [here](#) to download the Chapter 3 Map Builder)
[Chapter 4](#) (click [here](#) to download the Chapter 4 Map Builder)
[Chapter 5](#) (click [here](#) to download the Chapter 5 Map Builder)
[Chapter 6](#) (click [here](#) to download the Chapter 6 Map Builder)
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[Chapter 9](#) (click [here](#) to download the Chapter 9 Map Builder)
[Chapter 10](#) (click [here](#) to download the Chapter 10 Map Builder)
[Chapter 11](#) (click [here](#) to download the Chapter 11 Map Builder)

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Download Instructions
We recommend saving these files to your hard drive by following the instructions below.

PC users 1. Right-click on a chapter link below. 2. From the pop-up menu, select "Save Link" (if you are using Netscape) or "Save Target" (if you are using Internet Explorer). 3. In the "Save As" dialog box, select a location on your hard drive and rename the file, if you would like, then click "save". Note the name and location of the file so you can open it later.

Macintosh users 1. Click and hold your mouse on a chapter link below. 2. From the pop-up menu, select "Save Link As" (if you are using Netscape) or "Save Target As" (if you are using Internet Explorer). 3. In the "Save As" dialog box, select a location on your hard drive and rename the file, if you would like, then click "save". Note the name and location of the file so you can open it later.

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Jordan 11th Edition
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Each chapter file may be opened in another Web browser window by clicking on the file name or downloaded to your computer's hard drive or flash drive. The latter is recommended because you can then use the program on a computer without an Internet connection. Notice that the chapter numbers in the file names actually refer to the chapters in another W.H. Freeman text called *World Regional Geography: Global Pattern, Local Lives* (4th edition), by Lydia M. Pulsipher and Alex Pulsipher, hence the files names Pul_Ch1, Pul_Ch2, and so on. The downloaded files are compressed (zipped). To use them, you need to uncompress them first using a software program such as WinZip. The Map Builder page has a link to the WinZip Website.

In the activities that Map Builder exercises to accompany *The Human Mosaic* (also found on the Instructor side of this Website), students are given specific instructions regarding which chapter to open.

The compression process will extract four separate files for each chapter, which are saved automatically to a separate folder with the same name as the compressed file. Those files are consistently named for all 11 chapters. For example, for Chapter 2, the extracted files will be *Ch 2 – Click here, fp-ch2_map, fp_ch2_menu, fp-flash*. You do not need to be concerned with what the other files are except for the first one here. As indicated in the name of the first file, just double-click it and Map Builder for that chapter will launch in your Web browser. Now you are ready to display and customize maps.

You may open Map Builder for several chapters at once, but only the first Map Builder window will be active. That means you will be able to display and manipulate the maps in the first opened window only.

2. An Overview of Map Builder




Map Builder provides some basic data manipulation and visualization capabilities usually available in a GIS program. Relevant geographic themes such as population, culture, climate, elevation, agriculture, economy, and cities are displayed as separate data layers, which may be turned on or off to create custom maps. Each chapter contains 5-10 different themes with some of them expanding to more detailed data layers. These data layers may be displayed in different combinations for different instructional purposes. The program also allows the instructor to zoom in on any part of a map for further investigation and, once zoomed in, pan across the displayed view. The displayed map may be printed if needed.

To illustrate the design and functions of Map Builder, let us use North America (Chapter 2) as an example. The figure below is the initial Map Builder window for that chapter:



Notice that the start window includes a base map for North America, and a table of contents on the right-hand side panel, which lists the themes available: population, climate, agriculture, pollution,

religion, and physical map. Several of these themes contain more detailed subthemes (layers). For example, the Physical Map theme includes five subthemes: elevation map, political labels, physical labels, rivers, and cities.

To turn on or off a theme, you just need to check or uncheck the box by the theme name. The checked themes will be displayed in the view. In most themes containing multiple subthemes, the program offers the convenient “Layers On” and “Layers Off” buttons to turn all the themes on or off with just a single mouse click. In the lower right-hand corner of the window, you can find the zoom-in () , zoom-out () or reset () buttons. The “Reset Map” button will “clean the slate” and return the program to the start window. Clicking the “Print Map” option allows you to print the displayed map or save it a PDF file.

The design of other chapters follows the same template, though the number of themes they have varies from one chapter to another. Three themes - population, climate, and physical maps – appear in all chapters.

The program provides two options for legend symbols on choropleth maps, one with different shades of color and the other hatch patterns. By default, the first choropleth map that is displayed uses color shades in its legend. Maps using this symbolization look nicer. To change the symbol for a map, just click the “Reset Map” button and turn the theme on again.

3. Using Map Builder as a Teaching Tool

With the data already included in Map Builder, it is possible to display and create a large number of different custom maps to illustrate various geographic concepts, patterns, and processes in physical geography, human geography, and world regional geography classes. These maps may also be used in PowerPoint presentations or printed in full color. Below are some general ideas for using the program. Chapter-specific examples are available in separate files.

3.1 Display single-themed maps

Map Builder includes several ready-to-use thematic maps in each chapter. They range from such physical geography elements as elevation and climate, to socioeconomic phenomena, for example, agriculture, economic features, and language and religions. To display a thematic map, click the appropriate theme name in the table of contents and check the layers to be shown. The associated legend for a displayed theme is automatically included in the view. For example, the following is a map of the climate zones in North America:



2.2 Use Maps to Highlight Specific Geographic Phenomena

You may also create maps to highlight the distribution of specific natural, cultural, and economic phenomena. In the following map, the locations of the dairy zone and diversified farming in North America are clearly visible:



In a classroom setting, an instructor may want to turn individual layers on and off a few times to highlight their distribution. The “Layers on,” “Layers off,” and “Reset Map” options may come in handy as you create such maps.

2.3 Create Maps to Explore Geographic Relationships

A basic question with which geographers are concerned is where things are located. A more important and challenging question they seek to answer is, however, why things are located where they are. Geographic education today, like education in general, is increasingly emphasizing the development of critical thinking skills in students, in addition to disseminating knowledge. Maps can play a valuable role in achieving this goal. Map Builder allows instructors to create maps that depict the geographic distribution of several related objects by combining data layers and use them to help students think about the connections between them. For example, climatic conditions are closely related to the type of agriculture that exists in different places. The map below shows the distribution of climate zones in North America and the locations of two agricultural zones: dairying and diversified farming. It is easy to see that diversified farming is found mainly in temperate climate in the southern part of the United States, while dairying thrives in cool humid climate areas around the Great Lakes.

