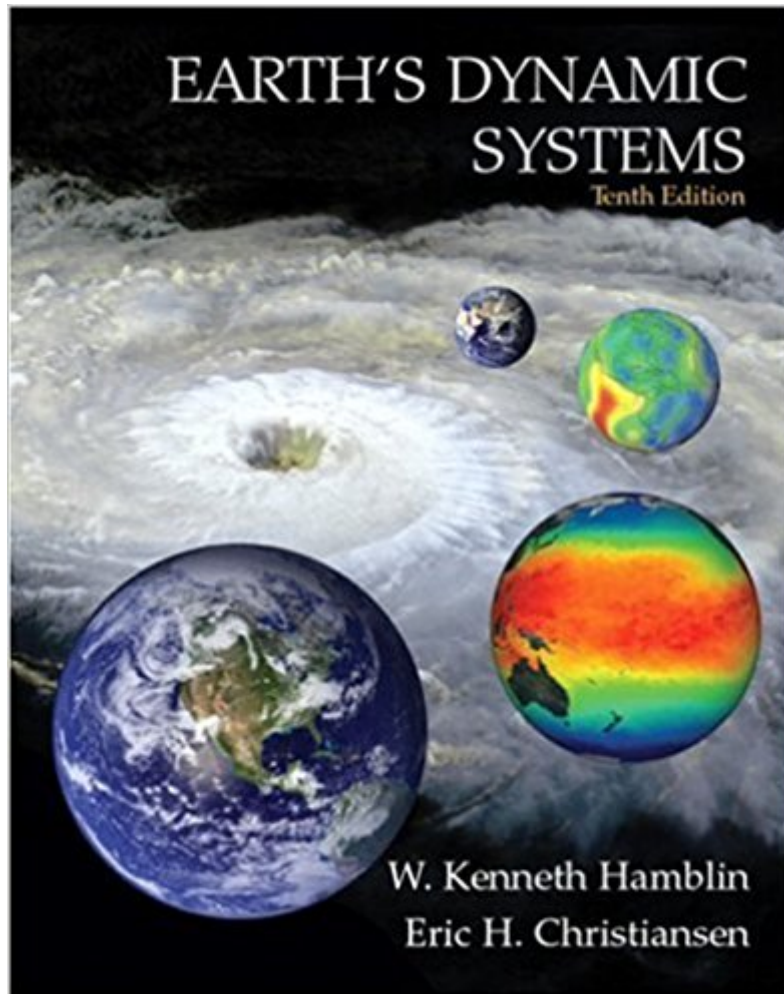




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Earth's Dynamic Systems (10th Edition)



Synopsis

For Introductory courses in Physical or Introductory Geology found in departments of Geology, Earth Science, or Physical Science. Significantly revised to be an optimum learning tool, the Tenth Edition of *Earth's Dynamic Systems* maintains its solid coverage of the two major energy systems of Earth: the plate tectonic system and the hydrologic cycle. Boasting a new, highly accessible four-part organization, this renowned text fulfills the needs of professors with current content and a striking illustration package, while exposing students to the global view of Earth and teaching them to look at the world as geologists do.

Book Information

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Customer Reviews

Highly acclaimed and praised as the best teaching text available, *Earth's Dynamic Systems* is the only introductory text that fully integrates the two major energy systems of Earth: the plate tectonic system and the hydrological system. Using these systems to explore fundamental geological processes, the seventh edition of this leader continues to offer Hamblin's trademark "question-statement-discussion-example" format and unrivaled art program. --This text refers to an out of print or unavailable edition of this title.

There are two major pathways for the flow of energy and matter on Earth: (1) the hydrologic system—the circulation of water over Earth's surface and through its atmosphere powered by energy from the Sun, and (2) the tectonic system—the movement of material

powered by heat from Earth's interior. These two unifying themes form the backbone of Earth's Dynamic Systems, providing a logical, well-crafted, spectacularly illustrated introduction to physical geology. NEW TO THIS EDITION: GeoLogic – Geologists have a unique way of "reading" the landscape and rocks. These essays illustrate in words and images how modern geologists interpret the world around us. Updated and Enhanced Student CD-ROM: Includes dozens of high-quality animations, photographs, and videos. Guided Tours: These animated tours of Earth's major landforms illustrate key concepts in a way the printed word and still pictures cannot. Slideshows: Written and photographed by the authors, the slideshows expand on the text with additional photographs and explanations. Videos and animations: Gathered from geologists around the world, these illustrate both fundamental concepts and how modern geologists study Earth

I'm kind of an amateur geology junkie. I have many geology textbooks that I read because the subject interests me. (I am a nurse. I have a BA and two Masters in but they are in the biological sciences and in education.) This is my favorite geology textbook by far. The illustrations and photographs are beautiful and detailed. They really do provide a different way to learn the text, one that complements the text but is strictly visual. This book has many wonderful and detailed plate maps, ocean floor and continental surface maps with geological ages noted. You can easily see how mountain ranges on different continents were once together. The text itself is clear and leads you point by point toward the concept without a lot of effort. It's highly readable and if I were a student, this is the one I would want to "have" to read. A surprising number of other textbooks use circular definitions; they explain terms using the term in the explanation, which is of no use whatsoever. It's really surprising how often that is done. I didn't find it much in this text. The authors are very detailed in the way they cover each subject. There are several chapters on plate tectonics, for example, instead of just one long broad explanation in one chapter. There are several chapters on the hydrologic cycle, entire chapters on weathering, glaciers, rivers, etc. Each rock type has a chapter and an introductory chapter on Minerals. Really by far my favorite text.

OK, but very boring and not engaging.

Haven't used it much, but I did look through it. Seems excellent value for money. Just that these days, like, doah, it's a book. When I'm somewhere else, it's quicker to google.

great

I have referred to this book several times. Useful for introductory and intermediate work.

ordered multiple cds did not work

Today, (september 23, 2013) I recived my book! And this book is used! I bought this book, because I read that said is new. if I would like to buy a used book I will buy a shipper book.. I feel that you stole my money

older than i thought it would be, not really worth the price, very used, stains everywhere, but good that no extra notes inside

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