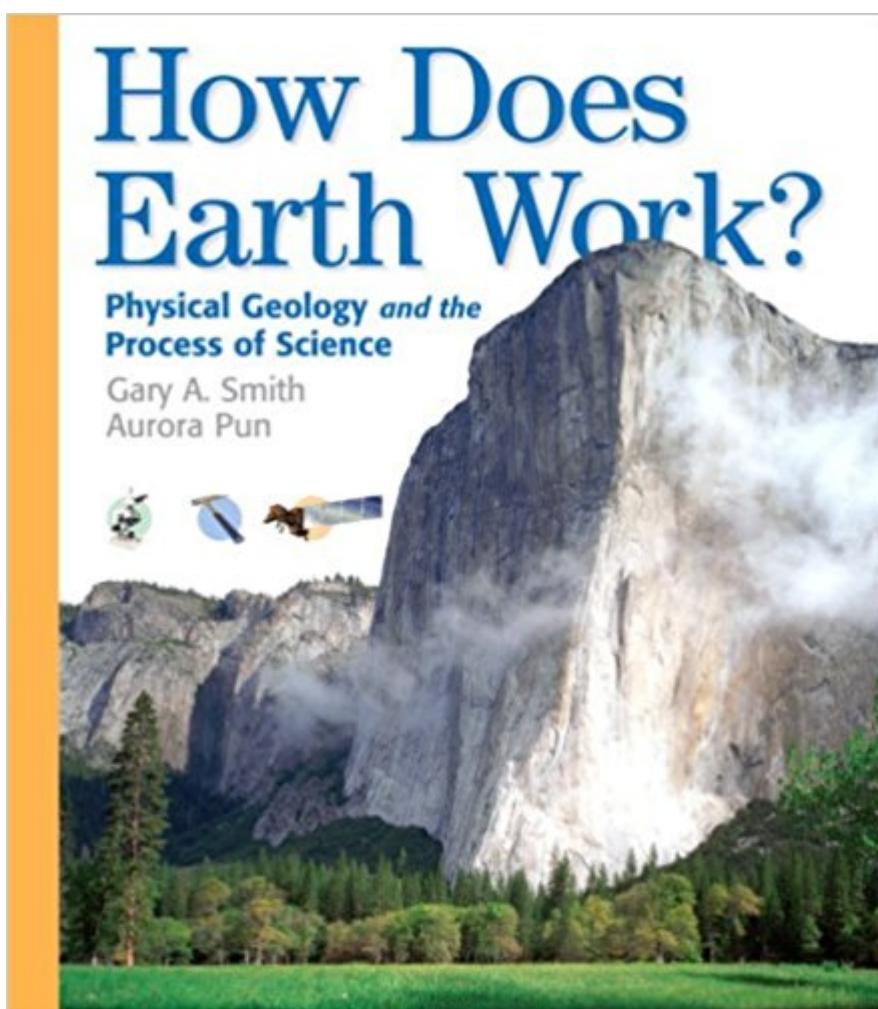


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# How Does Earth Work: Physical Geology And The Process Of Science



## Synopsis

It's about how we know what we know. *How Does Earth Work?* covers the traditional breadth of introductory geology topics, but takes the non-traditional and highly effective approach of emphasizing conceptual learning of process rather than rote memorization of facts. Questions drive the development of the concepts: As with science itself, there are no answers without first asking questions. As a result, the concepts are introduced and developed in context ("If this is true, then why...?"), which facilitates deeper exploration of and linking between concepts. Illustrations bear much of the weight of explanation; they are as simple as possible, thoughtfully annotated, and paired wherever possible with photos of the concept manifest in nature. *Why Geology?* Minerals: Building Blocks of the Planet; Rocks and Rock-Forming Processes; Formation of Magma and Igneous Rocks; Formation of Sediment and Sedimentary Rocks; Formation of Metamorphic Rocks; Earth Materials as Time Keepers; Journey to the Center of Earth; Making Earth; Motion Inside Earth; Deformation of Rocks; Global Tectonics – Plates and Plumes; Tectonics and Surface Relief; Soil Formation and Landscape Stability; Mass Movement: Landscapes in Motion; Streams: Flowing Water Shapes the Landscape; Water Flowing Underground; Glaciers: Sculptors of Continents, Recorders of Climate Change; Shorelines: Changing Landscapes Where Land Meets Sea; Wind: A Global Geologic Process. A comprehensive reference for geology professionals.

## Book Information

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## Customer Reviews

I have other general textbooks on geology and earth science, but I find myself returning again and again to this volume for its well organized detail and the clarity of its descriptions. The figures and

photos are especially well chosen, and I find myself in the company of writers who know how to speak to a lay person with enthusiastic interest in the subject matter. Valuable addition to all my other literature.

I've been using this in place of the second edition in my intro geology class. I have had no trouble learning the material or completing the assignments - it appears to have almost exactly the same content. It was also significantly cheaper. Decent textbook.

Book was in amazing condition. As a student renting books, this is a trade that I really like.

Well written, good questions for exams, lots of illustrations. I rented this from , but I plan to buy it at the end of the semester.

Man this class sucked. Nothing wrong with the book only rating the class.

Testbook for my EPS101

I never thought I'd keep this book after my class, but I did. The illustrations, explanations, and content in general made it a great textbook for my Earth Processes class. I learned more than I ever would have thought! Note: you'll never be able to resell it for even a fraction of the price.

In great condition

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