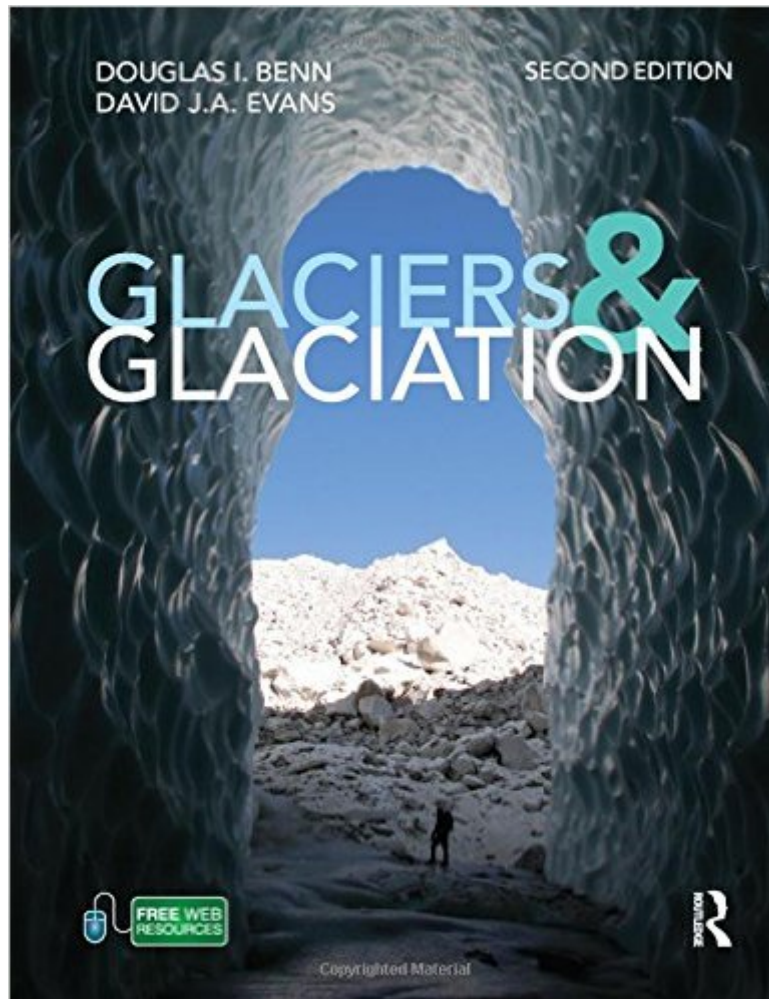


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Glaciers And Glaciation, 2nd Edition (Hodder Arnold Publication)



Synopsis

Glaciers and Glaciation is the classic textbook for all students of glaciation. Stimulating and accessible, it has established a reputation as a comprehensive and essential resource. In this new edition, the text, references and illustrations have been thoroughly updated to give today's reader an up-to-the minute overview of the nature, origin and behaviour of glaciers and the geological and geomorphological evidence for their past history on earth. The first part of the book investigates the processes involved in forming glacier ice, the nature of glacier-climate relationships, the mechanisms of glacier flow and the interactions of glaciers with other natural systems such as rivers, lakes and oceans. In the second part, the emphasis moves to landforms and sediment, the interpretation of the earth's glacial legacy and the reconstruction of glacial depositional environments and palaeoglaciology.

Book Information

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Customer Reviews

Glaciers and Glaciation by Douglas Benn and David Evans is an excellent review of the current theory and underlying principles of glacier science. It is copiously illustrated with black and white photographs, line drawings, diagrams, charts, and graphs. The writing is technical, but the ideas involved are clearly and methodically presented. The organizational structure of the book is comprehensive and logical, helping the reader comprehend and absorb fundamental concepts. The book is designed for those with a serious interest in science. It would be appropriate, for example, for college students who have had an introductory course in geology and know that they wish to

continue studying one of the earth sciences. It is also appropriate for professionals like myself, who are not geologists, but who have a strong interest in the earth sciences and wish to learn more about glaciers and glaciation. The book may be accessible for people without a science background if they are willing to absorb the high rate of new vocabulary and concepts that the text presents. The first chapter on glacier systems and those in the second half of the book dealing with glacial landforms may be particularly satisfying in this regard. Even the more difficult chapters, like those on glacier motion, may be absorbing if people can visualize how the glacier slides, changes shape, and pours like a thick syrup over obstructions. I found the book to be fascinating. It took me 71 hours over a period of several months to read the entire 640 pages of text and study the many diagrams and other illustrations the book has to offer.

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