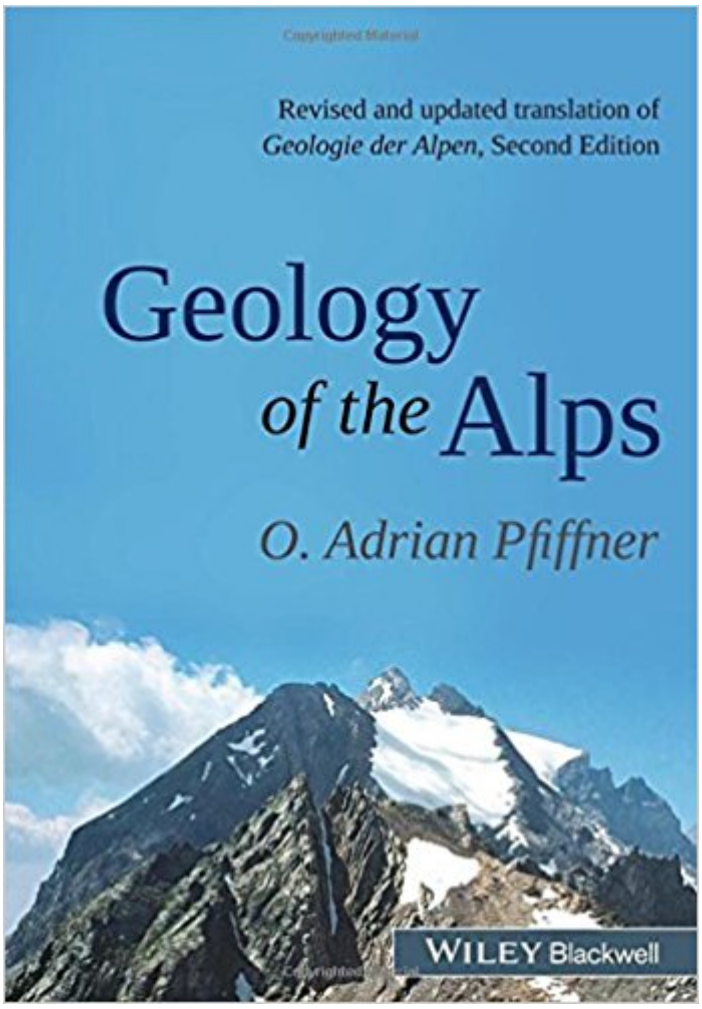
# Geology Of The Alps



## Synopsis

The Alps, with their outstanding outcrop conditions, represent a superb natural laboratory for many geological processes, and have played a crucial role in the history of geology. This book gives an up-to-date and holistic overview of the key aspects of Alpine geology. After a brief presentation of the plate tectonic framework, the rock suites are discussed, starting with the pre-Triassic crystalline basement, followed by Paleozoic, Mesozoic and Cenozoic sedimentary sequences. The lithological description of the rock types is supplemented by a discussion of their paleogeographic and plate tectonic contexts. The book goes on to describe the structure of the Alps (including the Jura Mountains and the Alpine foreland to the north and south) illustrated by numerous cross-sections. The evolution of the Alps as a mountain chain incorporates a discussion of the Alpine metamorphic history and a compilation of orogenic timetables. The final sections cover the evolution of Alpine drainage patterns and the regionÃ¢â ¬â„¢s glacial history. Readership: The book is essential reading for students and lecturers on Alpine courses and excursions, and all earth-scientists interested in the geology of the region.

## Book Information

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## Customer Reviews

Ã¢â ¬Å“The paperback price seems remarkable for a volume with so much in it.Ã¢â ¬Â•Ã Â (The Open University Geological Society Journal, 1 October 2014)

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