



Granites: Petrology, Structure, Geological Setting, and Metallogeny

By Anne Nédélec, Jean-Luc Bouchez



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Granites are emblematic rocks developed from a magma that crystallized in the Earth's crust. They ultimately outcrop at the surface of every continent.

This book - translated, edited, and updated from the original French edition *Pétrologie des Granites* published by Vuibert in 2011 - gives a modern presentation of granitic rocks, or granites, from magma genesis to their emplacement into the crust and their crystallization. Mineralogical, petrological, physical, and economical aspects are developed in a succession of 14 chapters. Special 'info boxes' discuss topics for those wishing to deepen their knowledge of the subject. Also included is a glossary, a comprehensive bibliography, as well as descriptions of modern techniques.

Granites are considered in their geological spatial and temporal frame, in relation with Plate Tectonics and Earth History, and assisted by a large number of high quality illustrations.

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Editorial Review

Review

"[A] welcome addition to the English-language literature on geology. Recommended." --*CHOICE*

"The anticipated audience is expected to be broad-based, appealing to both an academic and general science readership. The book will be a valuable reference work for advanced undergraduate Earth Science courses in igneous geology, mineralogy and geochemistry and economic / ore geology. The authors, translator and publishers are to be congratulated on producing a welcome, authoritative and insightful contribution to the literature on granite. A recommended (and affordable) read!" --eoScientist

About the Author

Anne Nedelec, *University of Toulouse*, Jean-Luc Bouchez, *University of Toulouse*

Anne Nedelec and Jean-Luc Bouchez are Professors in Earth Sciences at the University of Toulouse. Both are based at the Observatoire Midi-Pyrenees (Geosciences Environnement Toulouse). Anne is a petrologist, specialist of Precambrian Geology. Jean-Luc, a specialist in rock deformation, participated in the development of structural studies in magmatic rocks. Both have a broad experience in laboratory and field studies in Africa, Madagascar, Brazil, Iran, and France, among others.

Peter Bowden has been Professeur Invite in the Departement de Geologie at Universite de Saint Etienne since 1998. He was Editor-in-Chief of the Journal of African Earth Sciences from 1993 to 2001, and Senior Lecturer and co-ordinator for the BSc Geochemistry degree at the University of St Andrews, Scotland, from 1987 to 1998. He is a specialist in African Geology and an expert on A-type granites.

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