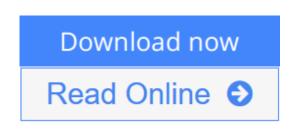


# Sedimentary Rocks in the Field: A Practical Guide

By Maurice E. Tucker



#### Sedimentary Rocks in the Field: A Practical Guide By Maurice E. Tucker

This fourth edition builds on the success of previous editions and for the first time is produced in full colour throughout with improved photos and diagrams. It retains its popular pocket size and is an essential buy for all students working in the field.

The text shows how sedimentary rocks are tackled in the field and has been written for all those with a geological background. It describes how the features of sedimentary rocks can be recorded in the field particularly through the construction of graphic logs. In succeeding chapters the various sedimentary rock types, textures and structures are discussed and shown how they can be described and measured in the field. There are expanded sections on trace fossils and volcaniclastics along with updated reference list. Finally a concluding section deals briefly with facies identification and points the ways towards facies interpretations, and the identification of sequences and cycles.

#### **Key Features:**

- Full colour throughout with improved photos, figures and diagrams in a modern layout.
- Complete revision and update of best selling textbook which is part of the highly successful *Field Guide* series.
- Expanded sections on trace fossils and volcaniclastics along with updated reference list.
- Handy pocket size with laminated cover.
- Includes supplementary website with downloadable logging sheets for fieldwork activities.

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#### **Editorial Review**

Review

"All in all, this is a fine and improved field guide for the geoscientist, befitting a fourth edition." (Environmental & Engineering Geoscience, 4 November 2012)

#### From the Publisher

Sedimentary rocks are widely distributed at the Earth's surface and their accurate description is essential for interpretations of depositional environments and palaeo-geography. Designed to be used in the field, this book describes both techniques and approaches and discusses particular aspects including composition, texture, sedimentary structures and fossils. Explanations are aided by the inclusion of detailed illustrations.

#### From the Back Cover

Sedimentary rocks are widely distributed at the Earth's surface and their accurate description is essential for the interpretation of depositional environments and palaeo-geography. Sedimentary Rocks in the Field describes how these rocks may be observed, recorded and mapped, and has been written at a level suitable for undergraduate students of geology. It provides comprehensive coverage of basic field techniques required to study sedimentary rocks, followed by an illustrated account of sedimentary rock types, textures and structures, as well as outlining particular aspects of sedimentary rocks including palaeocurrents and fossils. Since much fieldwork is unsupervised, care has been taken within the book to provide a helpful collection of diagrams, photographs, figures and tables that will guide the reader through the investigation of an exposure and help answer many of the common questions that arise in the field. This is the second edition of the popular text Field Description of Sedimentary Rocks and new sections include storm deposits, sequence stratigraphy and key surfaces. Well illustrated throughout, the book contains useful checklists to assist the reader in the identification and classification of sedimentary rocks.

Review of the First Edition Maurice Tucker has produced an invaluable little book which is practical both in terms of length covering techniques, sedimentary rock types, textures and structures, fossils and an introduction to facies analysis; and from the point of view of physical size: it fits fairly easily into the back pocket of a pair of blue jeans - an important point for a field book. Chris Baldwin, Sedimentology

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Have you spare time to get a day? What do you do when you have considerably more or little spare time? Yeah, you can choose the suitable activity to get spend your time. Any person spent their spare time to take a move, shopping, or went to the Mall. How about open or perhaps read a book eligible Sedimentary Rocks in the Field: A Practical Guide? Maybe it is to be best activity for you. You know beside you can spend your time with your favorite's book, you can more intelligent than before. Do you agree with the opinion or you have additional opinion?

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