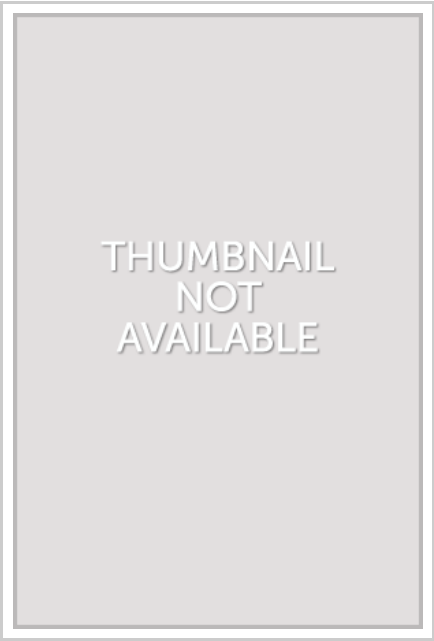


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Sedimentary Structures (Paperback)

By John Collinson, Nigel Mountney, David Thompson

Dunedin Academic Press, United Kingdom, 2006. Paperback. Book Condition: New. 3rd Revised edition. 234 x 184 mm. Language: English . Brand New Book. Thoroughly revised and with many new illustrations, this classic textbook in elementary sedimentology reaches its third edition 20 years after first publication. Particular attention has been paid to recent advances in the understanding of aeolian processes and bedforms, and in the interpretation of trace fossils. The introduction to environmental interpretation has also been developed to reflect recent advances in stratigraphic thinking. Sedimentary structures sets out a clear methodology and philosophy for understanding both present-day sediments and sedimentary rocks as the products of dynamic processes. The book introduces depositional and post-depositional sedimentary processes in an easily accessible way, and shows, across a wide range of scales, how sedimentary structures can be interpreted in terms of those processes. Sedimentary structures produced by erosion, deposition and post-depositional change are all clearly explained and related to the processes that formed them. Hydrodynamic and aerodynamic controls on the development of subaqueous and aeolian bedforms are discussed, as are the styles of deformation to which sediments can be subjected after deposition. Structures that characterize deposition caused by chemical and biologically influenced processes are...

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