

Geology of Siliciclastic Shelf Seas

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In recent years, enormous progress has been made in our understanding of the geology, geophysics and sedimentology of continental shelves, largely due to the development and application of new concepts such as sequence stratigraphy and of new and powerful investigation techniques. The papers in this volume illustrate this progress, and the detail and multi-disciplinary nature of current research performed around the world on modern shelves and on shelf deposits in the geological record.

The book is organized around four major themes:

- stratigraphy and sedimentary geology of siliciclastic shelves
- modern siliciclastic shelves: architecture, sea level, tectonics and sediment supply
- nearshore and coastal environments
- new techniques in continental shelf research

It contains a number of overview papers, new data and an introduction to new techniques, and provides a unique collection of papers at the forefront of a rapidly developing subject. This volume will be of interest to research workers in the fields of marine geology, sedimentary geology and stratigraphy.

- 346 pages
- 228 illustrations
- 19 papers
- index

Cover illustration: Data terrain model showing the basement morphology of the Hurd Deep (see p.207).

