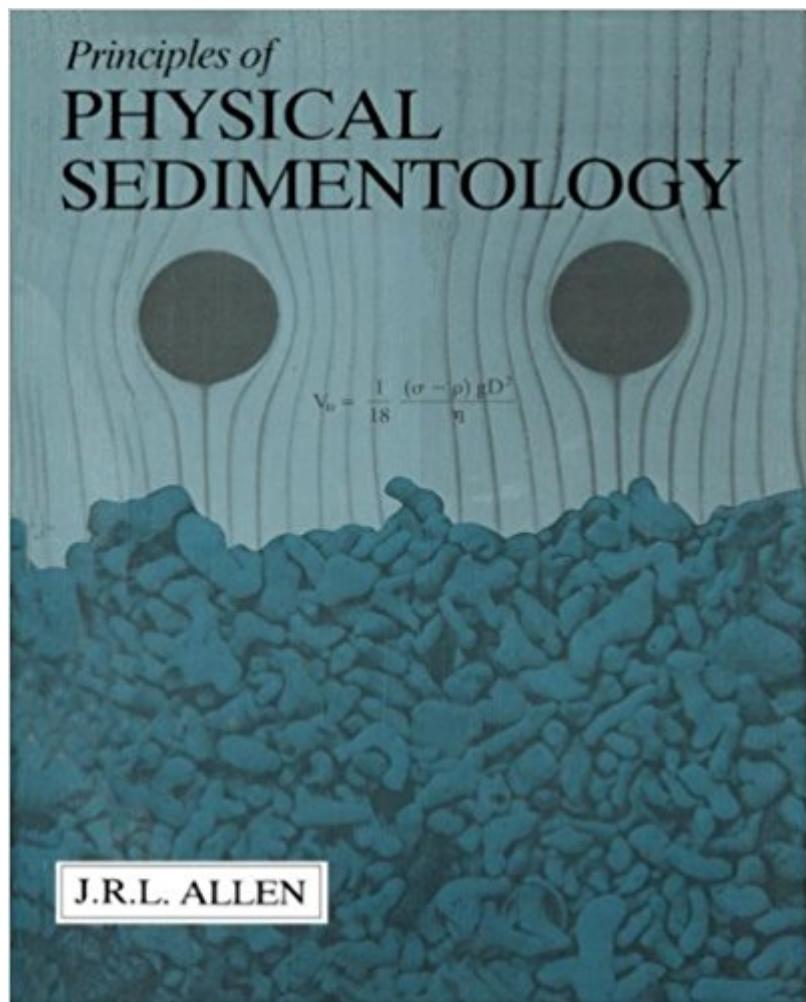


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# Principles Of Physical Sedimentology



## Synopsis

apparatus is generally not required for the making of My aim in this book is simple. It is to set out in a logical useful sedimentological experiments. Most of the equip- way what I believe is the minimum that the senior ment needed for those I describe can be found in the kit- undergraduate and beginning postgraduate student in the Earth sciences should nowadays know of general chen, bathroom or general laboratory , and the materials most often required - sand, clay and flow-marking physics, in order to be able to understand (rather than substances - are cheaply and widely available. As form merely a descriptive knowledge of) the smaller- described, the experiments are for the most part purely scale mechanically formed features of detrital sedi- ments. In a sense, this new book is a second edition of qualitative, but many can with only little modification my earlier Physical processes oj sedimentation (1970), be made the subject of a rewarding quantitative exer- which continues to attract readers and purchasers, inas- cise. The reader is urged to tryout these experiments much as time has not caused me to change significantly and to think up additional ones. Experimentation the essence of my philosophy about the subject. Time should be as natural an activity and mode of enquiry for has, however, brought many welcome new practitioners a physical sedimentologist as the wielding of spade and to the discipline of sedimentology, thrown up a hammer.

## Book Information

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## Customer Reviews

An absolute must for anyone studying sedimentology at the graduate level. Although the most recent printing is not a new edition (simply a reprint of the 1985 edition), this text is still close to the state of the art in physical sedimentology. Don't expect to find brilliant prose -- this is a technical

text, after all -- but the quantitative and qualitative descriptions of sediment processes are lucid. Illustrations and diagrams are basic and could be improved, but Allen's text remains at the least a valuable reference.

the most understandable book to relate hydrodynamic process to sedimentary structure product.

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