This book not only covers the characteristics of the sediments themselves, but also their physico-chemical impact on aquatic habitats and subsequent management implications.

Sediments in aqueous systems are of increasing interest to academics, researchers, practitioners and stakeholders around the world. There is a strong focus on methods and instrumentation for collecting data and monitoring of environmental sediment quality and as a result, a wide range of environments are considered - from urban areas to freshwater estuaries and marine ecosystems. The chapters have been written by international specialists in the field, ensuring a good breadth of examples, experiences and case studies throughout.

This book will appeal to a broad spectrum of interests from geographers, to engineers and environmental scientists, and at undergraduate to post graduate and academic researcher levels.