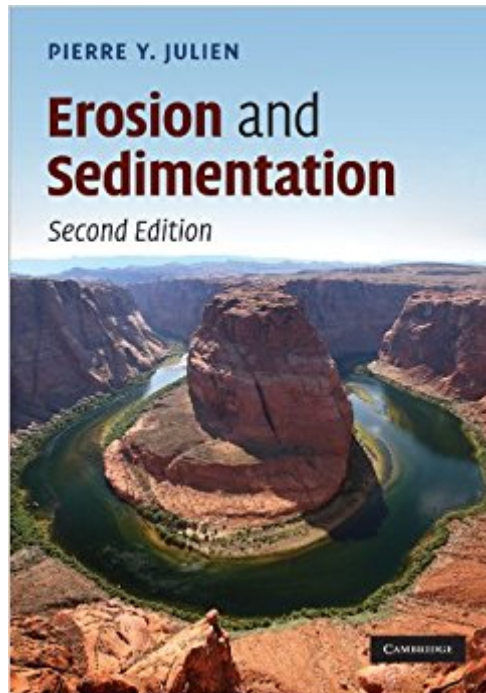




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The second edition of this acclaimed, accessible textbook brings the subject of sedimentation and erosion up-to-date, providing an excellent primer on both fundamental concepts of sediment-transport theory and methods for practical applications. The structure of the first edition is essentially unchanged, but all the chapters have been updated, with several chapters reworked and expanded significantly. Examples of the new additions include the concept of added mass, the Modified Einstein Procedure, sediment transport by size fractions, sediment transport of sediment mixtures, and new solutions to the Einstein Integrals. Many new examples and exercises have been added. Erosion and Sedimentation is an essential textbook on the topic for students in civil and environmental engineering and the geosciences, and also as a handbook for researchers and professionals in engineering, the geosciences and the water sciences.

Book Information

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clearly and concisely written, covers not only the theory but also measurement methods and also provides many worked examples. It will serve well its primary purpose as a textbook for post-graduate courses on erosion and sedimentation. ... thoroughly recommended.' Ian R. Calder, Hydrology and Earth System Sciences'... an excellent and accessible treatment of the 'classic' engineering approach to erosion and sedimentation. ... a worthy primer for those requiring mastery over the essential technicalities of hydraulic analysis.' Nicholas J. Clifford, Progress in Physical Geography'... this well-written text can be equally useful to undergraduates, graduates, geologists and geophysicists.' Christopher Kendall, The Leading Edge'... well written and clearly set out ...' Gary Nichols, Geological Magazine"...a welcome addition to the existing standard textbooks in the subject area...logically planned out, well written with clear explanations in good English...nicely laid out and printed." R.L. Soulsby, Journal of Fluid Mechanics

The second edition of this acclaimed textbook provides an excellent primer on both fundamental concepts of sediment-transport theory and methods for practical applications. With many new worked examples and exercises, this is both an essential resource for students, and a handbook for professionals, in engineering, geosciences and water sciences.

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