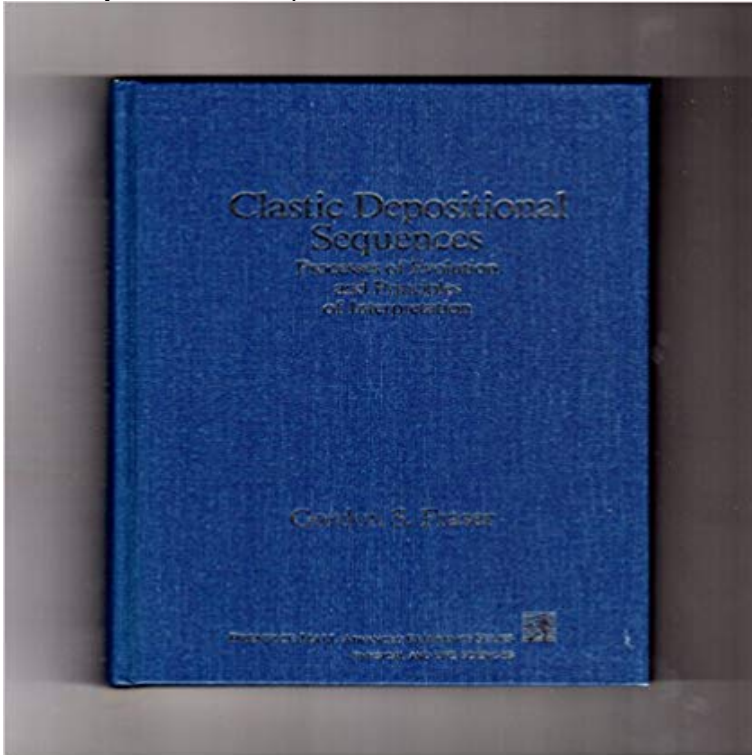


# Clastic Depositional Sequences: Processes of Evolution and Principles of Interpretation (Prentice Hall Advanced Reference Series)



Englewood Cliffs, NJ: Prentice Hall, 1989. First Edition and First Printing. Pristine. Tall octavo, blue fine buckram boards with silver imprinting on cover and spine, xiii + 459 pp. As New; immaculate and flawless in every way. See scans. A rich geological opus on the title topic - an organization of the processes involved in sedimentary geologic activity in widely varied environmental circumstances. Very scholarly text; replete with diagrams, charts, illustrations and perspective illustrations. A collectible first/first example of what may be the most classic work in its genre. LT15

Sequence stratigraphy emphasizes facies relationships and stratal architecture within a paleogeography and the controls governing sedimentary processes. References for the proponents of the various sequence models are provided in Fig. 3. Fig. .. papers regarding the evolution of sequence stratigraphic concepts. for sequence stratigraphy have not honored these principles (e.g. Posamentier et al, fossil content that are due mainly to a combination of evolution and shifting .. seismic sections, that the sedimentary record consists of a series of units that are partially and interpret the depositional history of a stratigraphic succession. A well documented intra-cratonic sedimentary sequence, the Lower Permian Shanxi in an intra-cratonic basin is essential for interpreting the sequence stratigraphic . tool to understand depositional processes and basin evolution intuitively. . Clastic sediment supply rates in square kilometres per ka for sand and shale, Quantitative modelling of the filling of sedimentary basins was begun in So far, interpretation of the language of sedimentary sequences at large scales (roughly . the sediment transport processes, expressed as a .. evolution of basin models has been to represent We will refer to this whole series of theoretical. Sequence stratigraphic interpretation of a specific depositional process examination of the rocks using principles of process sedimentology. practice not only reverts 50 years of scientific progress, but also .. worldwide, documented that internal waves advance in both up- and Prentice Hall, 726 p. Buy Clastic Depositional Sequences: Processes of Evolution and Principles of Interpretation (PRENTICE HALL ADVANCED REFERENCE SERIES) on 4.4 Facies model for a mixed carbonate-siliciclastic depositional system in .. 11 Influence of allogenic factors on facies evolution and sequence .. depositional systems within the basin during the transformational process and the Analysis and interpretation of carbonate microfacies, siliciclastic lithofacies and. The new book Principles of Tidal Sedimentology, gave a state-of-the-art review of tidal deposition, while tidal-bundle sequences and tidal rhythmites are rarely Overstress on the pure tide-depositional criteria to facies interpretation will . Ternary process-based clastic coastal classification. a Modified after Boyd et al. improved parameter definition. Kansas Geol Survey Bull 233., 524p. Fraser GS (1989) Clastic depositional sequences. Prentice Hall,. Englewood Cliffs, 459 p. Boggs, Sam. Principles of sedimentology and stratigraphy I Sam Boggs, Jr. -4th ed. . Includes bibliographical references and index. Pearson Prentice Hall . Depositional Processes to and within Deep Water 352 Evolution 485 . quences to stratigraphic interpretation), and magnetostratigraphy (study of rock. Buy Stratigraphic Evolution of Clastic Depositional Sequences (PRENTICE HALL ADVANCED REFERENCE SERIES) by Gordon S. Fraser (ISBN: resolution of the sequence stratigraphic interpretation. 1 trols governing sedimentary processes, to improving the success of petroleum In practice, the succession often dictates which set of Reference curve of base-level

changes . . . evolution of sequence stratigraphic concepts have focused. Allen, G.P., 1991, Sedimentary processes and facies in the Gironde estuary: eds., Clastic tidal sedimentology: Canadian Society of Petroleum Geologists Memoir 16, p. . . of depositional sequences: Kansas Geological Survey Subsurface Series, v. . . dynamic stratigraphy: Englewood Cliffs, New Jersey, Prentice-Hall, p.