

SEQUENCE STRATIGRAPHY – CONCEPTS, APPLICATIONS AND EXAMPLES FROM MALAYSIA AND THE U.S.A

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Seismic and sequence stratigraphic methods have helped to improve our understanding on the processes and events leading to the formation of a stratigraphic sequence. These methods have been applied to the outcrop on land. Some examples of sequence stratigraphic studies on outcrops in the San Juan Basin are given. Similarities between paleodepositional systems in the San Juan Basin and the Malay Basin are highlighted and comparisons made between the outcrop (San Juan Basin) and subsurface (Malay Basin) studies carried out in these basins.