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## CONFLICTING PARADIGMS AND SEQUENCE STRATIGRAPHY

DISCUSSION – MONDAY, 9/10/01  
SUMMARY DUE – TUESDAY, 9/11/01

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### *READINGS FOR EVERYONE*

Miall, A.D., 1992, Exxon global cycle chart: an event for every occasion? *Geology*, v. 20, p. 787-790.

### *INDIVIDUAL READINGS*

Jordan, T.E., and Flemings, P.B., 1991, Large-scale stratigraphic architecture, eustatic variation, and unsteady tectonism: a theoretical evaluation: *Journal of Geophysical Research*, v. 96 (B4), p. 6681-6699.

Christie-Blick, N., 1991, Onlap, offlap, and the origin of unconformity-bounded depositional sequences: *Marine Geology*, v. 97, p. 35-56.

Schlager, W., 1993, Accommodation and supply – a dual control on stratigraphic sequences: *Sedimentary Geology*, v. 86, p. 111-136.

Posamentier, H.W., and Allen, G.P., 1993, Variability of the sequence stratigraphic model: effects of local basin factors: *Sedimentary Geology*, v. 86, p. 91-109.

### *OTHER INTERESTING PAPERS QUESTIONING SEQUENCE STRATIGRAPHIC METHODS AND MODELS*

Aubry, M.-P., 1991, Sequence Stratigraphy: eustasy or tectonic imprint: *Journal of Geophysical Research*, v. 96 (B4), p. 6641-6679.

Burton, R., Kendall, C.G.St.C., Lerche, I., 1987, Out of our depth: on the impossibility of fathoming eustasy from the stratigraphic record: *Earth-Science Reviews*, v. 24. P/ 237-277.

Helland-Hansen, W., and Gjelberg, J.G., 1994, Conceptual basis and variability in sequence stratigraphy: A different perspective: *Sedimentary Geology*, v. 92, p. 31-52.

Sloss, L.L., 1991, The tectonic factor in sea level change: a countervailing view: *Journal of Geophysical Research*, v. 96 (B4), p. 6609-6617.