



Sequence stratigraphy of the Paleogene deep marine sediments in Sinai

By Hassan, Hatem

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Sequence biostratigraphy and microfacies analysis of the Paleogene in Sinai- Egypt | This book investigate basically the role of foraminiferal studies in sequence stratigraphic analysis (sequence biostratigraphy) throughout constructing the age model and paleobathymetry. The Paleogene deep marine sediments in Sinai were taken as case studies. The successive sea level fluctuations occurred during the Paleogene in Sinai have produced seven third order depositional sequences which bounded with eight sequence boundaries, the first and the last two of that are of type-1 sequence boundary while the other are of type-2. The Paleogene sea level fluctuations recorded in Sinai were found generally matching with the global sea level oscillations. However, some variations exist indicating that the deposition of the Paleogene in Sinai was generally governed by the worldwide sea level oscillations and the local tectonics related to the development of the syrian Arc system in the north part and the Gulf of Suez rift in the west. | Format: Paperback | Language/Sprache: english | 348 pp.



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