- strategically positioned Gravity Cores (GCs).
- within the Niger Delta.





Figs 8 (G1, GC2 & GC3). Sedimentation Rate (SR) and age-depth model for GC1. Note: FOC = first occurrence in core, LOC = last occurrence in core.

# Age-depth Model and Dating Technique Across the Shallow Offshore of the Niger Delta Passive Margin:

🍅 FOC oceanica < 3

> Fig 9. Plots of FADs / FOC on each GC vs. regional / global sea level curves after Peltier (1994) and Fleming et al. (1998), respectively.

ocapsa oceanica; 2. Emiliania huxleyi; 3. Globorotalia tumida; 4. ${f au}$ 

Raffia, I., Backman, J., Fornaciari, E., Pälike, H., Rio, D., Lourens, L. and Hilgen, F. J., 2006. A review of calcareous nannofossil astrobiochronology encompassing the past 25 million years. Quaternary Science Reviews, 25, 3113-3137. Reijers, T. J. A., 2011. Stratigraphy and sedimentology of the Niger Delta. Geologos, 17, 133-162. Stefano, E., 1998. Calcareous nannofossil quantitative biostratigraphy of Holes 969e and 963b (Eastern Mediterranean) In: Robertson, A. H. F., Emeis, K. C., Richter, C., and Camerlenghi, A. (Eds.). Proceedings of the Ocean Drilling Program, Scientific Results, 160, 100-110.