



Supplement of

How is particulate organic carbon transported through the river-fed submarine Congo Canyon to the deep sea?

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Supplementary Material

Hage et al. (2024, Biogeosciences): How is particulate organic carbon transported through the river-fed Congo Submarine Canyon to the deep-sea?

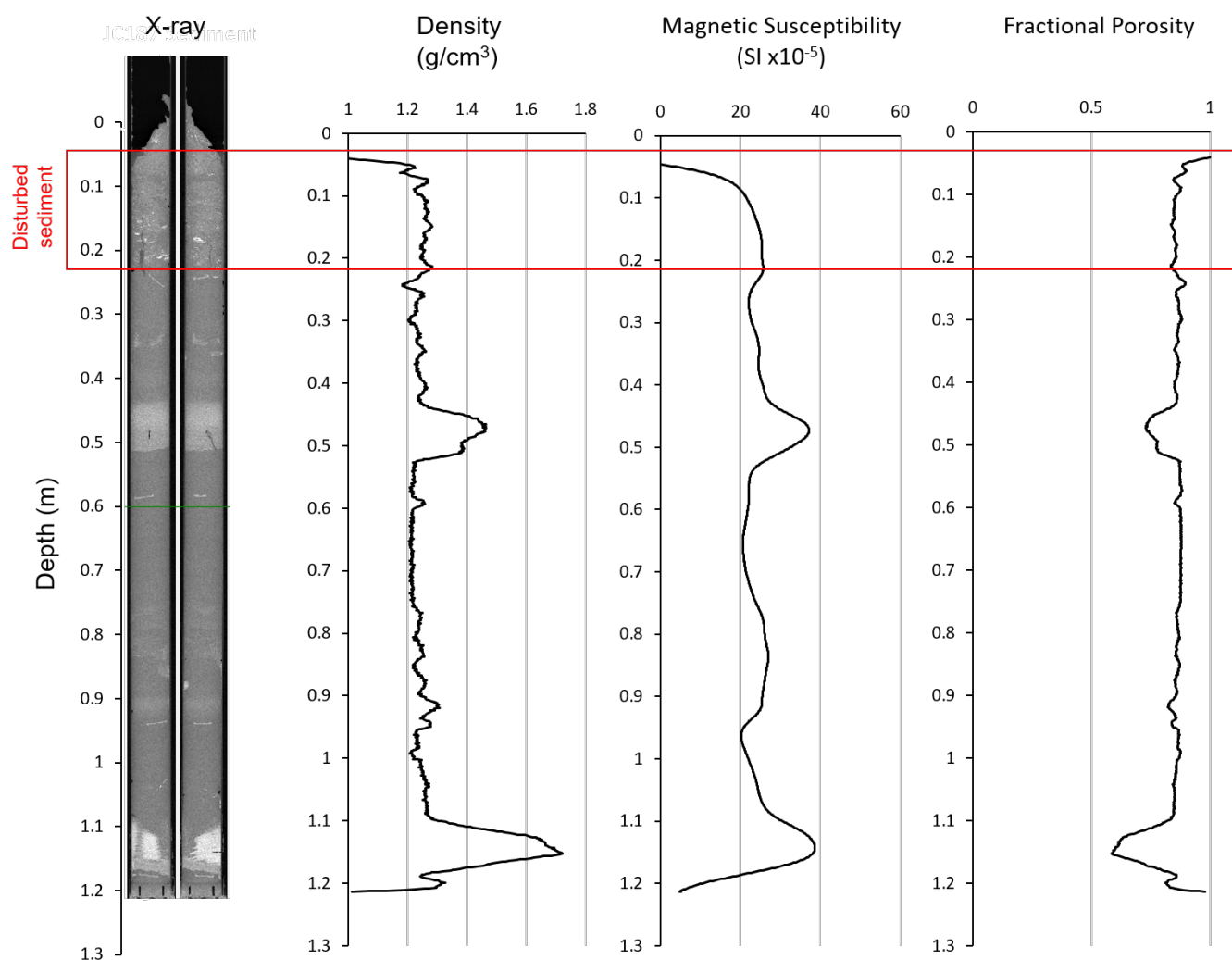


Figure S1. X-ray photograph of the sediment trap cut in half and data collected using a Multi-Sensor-Core-Logger on the sediment trap

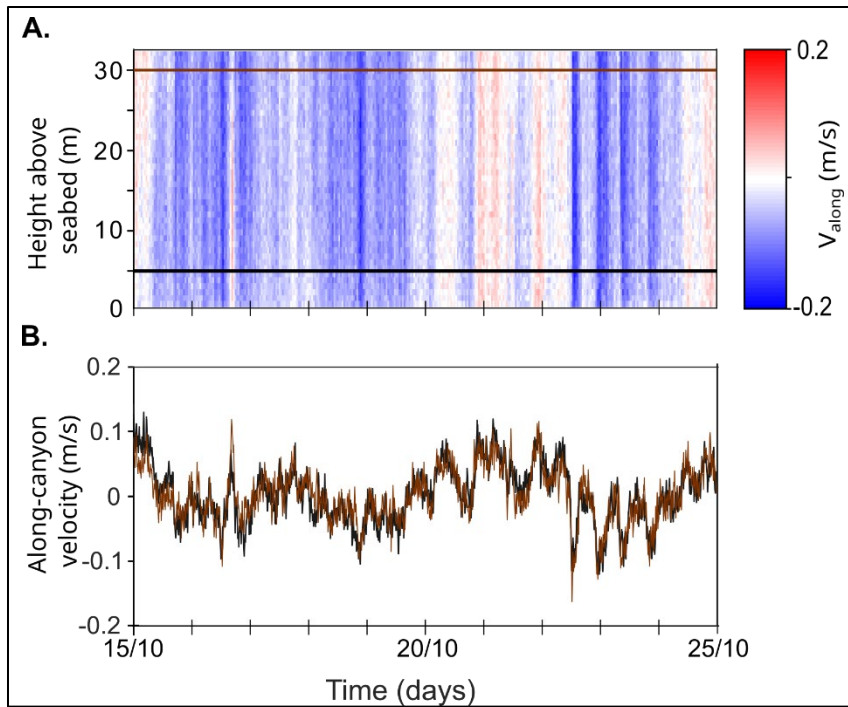


Figure S2: Velocity along canyon (V_{along}) and frequency analysis for the period 15th to 25th October 2019 (see Fig. 2A in the main manuscript for context). **A.** Time series of V_{along} between 15th October and 25th October 2019. The brown and black horizontal lines indicate the locations of the arrays displayed in B. **B.** V_{along} speeds at 5 and 30 m above canyon floor.

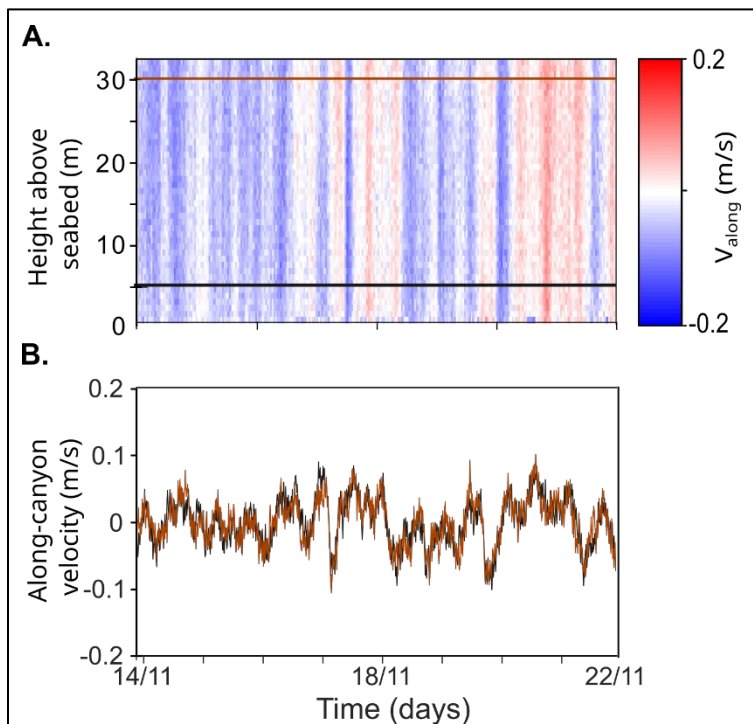


Figure S3: Velocity along canyon (V_{along}) and frequency analysis for the period 14th to 22nd November 2019 (see Fig. 2A in the main manuscript for context). **A.** Time series of V_{along} between 14th and 22nd November 2019. The brown and black horizontal lines indicate the locations of the arrays displayed in B. **B.** V_{along} speeds at 5 and 30 m above canyon floor.