



Sedimentologica

Read. Publish. Share. For Free.



UNIVERSITÉ
DE GENÈVE
BIBLIOTHÈQUE

December 2024 | Vol 2. Issue 2

eISSN 2813-415X

Sedimentologica is a community-driven, Diamond Open Access (DOA) scientific journal publishing scientific research across the broad field of sedimentology for free. This includes all types of sedimentary processes, methods, deposits, and environments. Regardless of spatial and temporal scales, on Earth or any other planetary body. The published material is free to share without an embargo period, and the authors will retain the copyright. *Sedimentologica* is driven by the community for the community as part of the broader DOA movement in geosciences. *Sedimentologica* provides direct and equal access to science for all citizens, scientists, and institutions all over the globe. This journal is defined by the principles of Open Science to promote the ethical dissemination of science and knowledge according to high standards of equity, diversity and inclusion.

This issue includes:

Pickering, L. O., Summers, G. F., Hocking, E. P., Garrett, E., & Simms, A. R. (2024). Microfossil and geochemical evidence for the Storegga tsunami at Budle Bay, Northumberland, UK. <https://doi.org/10.57035/journals/sdk.2024.e22.1280>

Remaud, A., Armitage, J. J., Teles, V., Rohais, S., & Mulder, T. (2024). From flood to turbidity current: combined models to simulate continent to ocean sediment transport in the Var system, France. <https://doi.org/10.57035/journals/sdk.2024.e22.1538>

Ochoa, R. I., Birgenheier, L. P., Jagniecki, E., & Vanden Berg, M. D. (2024). Micro-facies characterization of the Cane Creek Shale, Paradox Basin, Utah: implications of diagenetic controls on reservoir quality. <https://doi.org/10.57035/journals/sdk.2024.e22.1278>

Azzam, F., Blaise, T., & Brigaud, B. (2024). Automated petrographic image analysis by supervised and unsupervised machine learning methods. <https://doi.org/10.57035/journals/sdk.2024.e22.1594>

***Kimitsuki, R., Zonneveld, J.-P., Coutret, B., Rozanitis, K., Li, Y., Konhauser, K., & Gingras, M. K.** (2024). Neoichnology of a Lake Margin in the Canadian Aspen Parkland Region, Cooking Lake, Alberta. <https://doi.org/10.57035/journals/sdk.2024.e22.1658>

Payton, R. L., Chiarella, D., & Kingdon, A. (2024). An introduction for non-experts on using X-ray micro computed tomography as a tool for pore scale digital subsurface characterisation of siliciclastic materials. <https://doi.org/10.57035/journals/sdk.2024.e22.1367>

Amarante, F. B. do, Scherer, C. M. dos S., Armelenti, G., De Ros, L. F., Alvarenga, R., Kuchle, J., Conceição, J. C., Drummond Alves, J. L., & Landau, L. (2024). Depositional model and sedimentation controls of a complex hybrid carbonate–siliciclastic ramp (Albian) – SW Campos Basin, Brazil. <https://doi.org/10.57035/journals/sdk.2024.e22.1535>

*Article associated with the cover photograph taken by Ryusuke Kimitsuki. The image shows a bilobate trail produced by a banded woolly bear caterpillar (*Pyrrharctia isabella*) at Cooking Lake, Alberta.



**UNIVERSITÉ
DE GENÈVE**

BIBLIOTHÈQUE

supported by

