

Evidence of kaolinite alteration in hypersaline tidal flat soils on the NE Brazilian coastline



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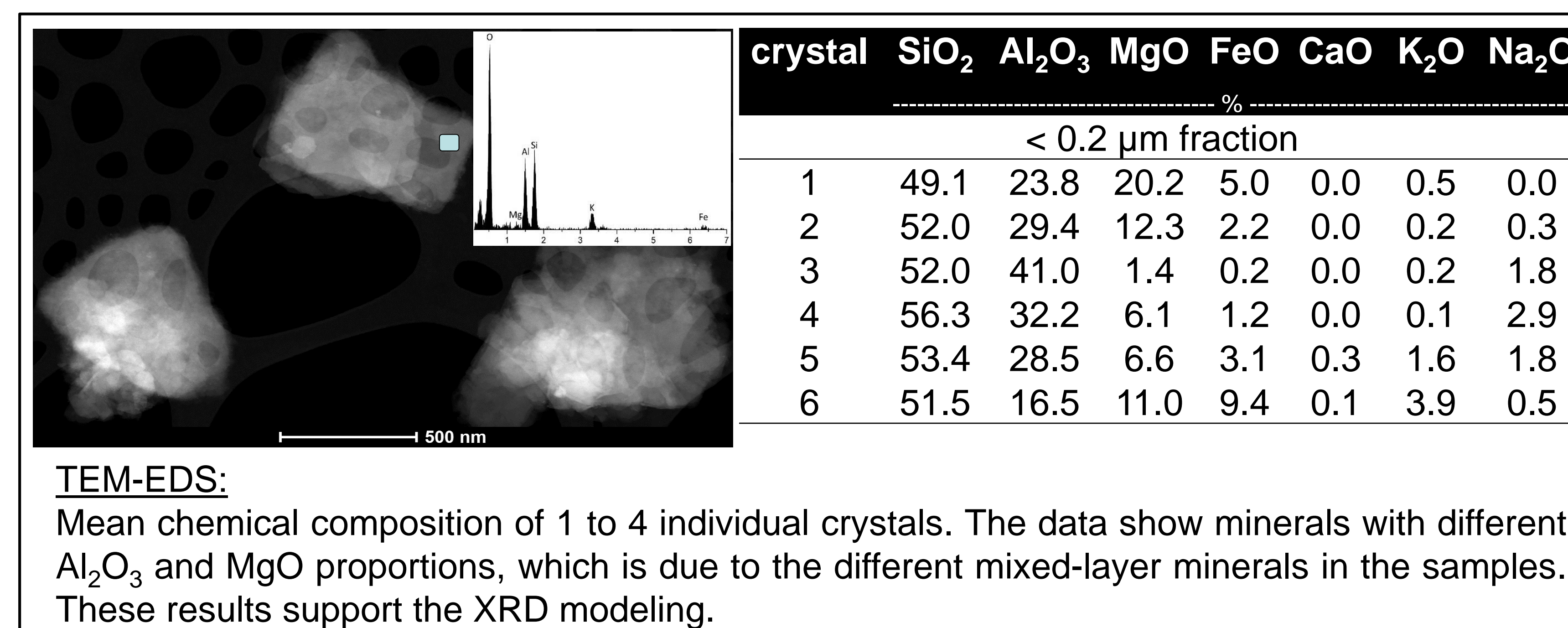
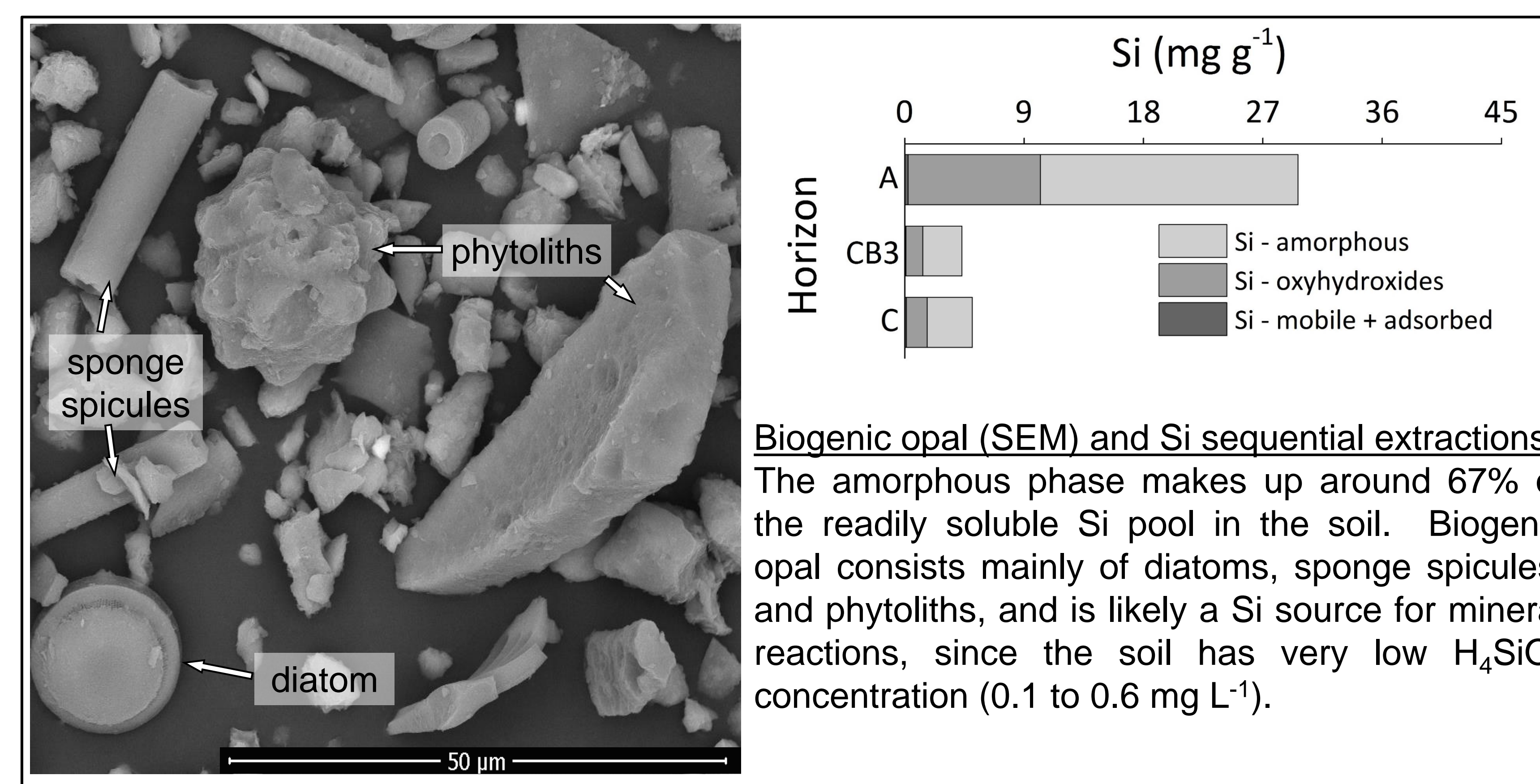
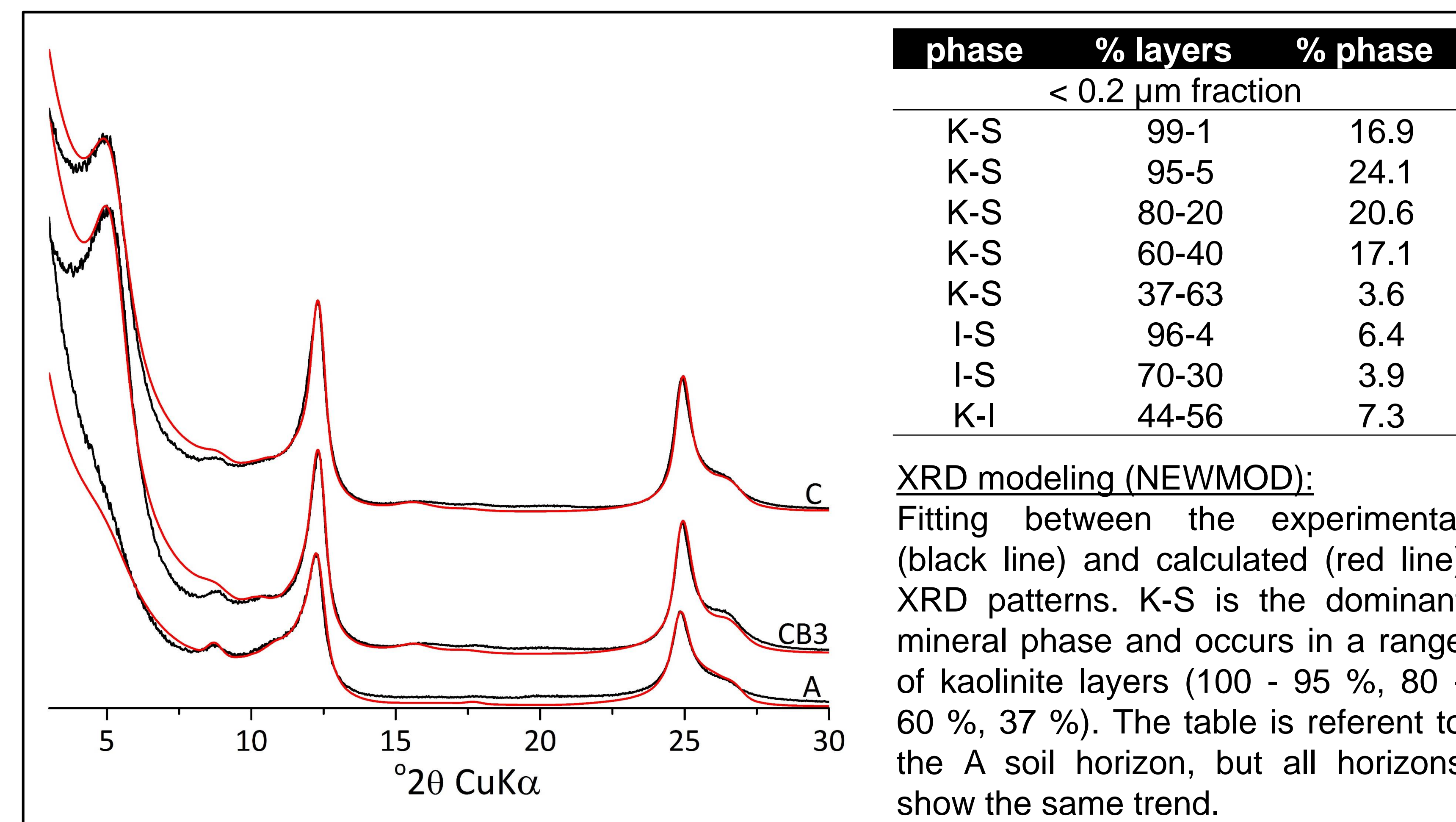
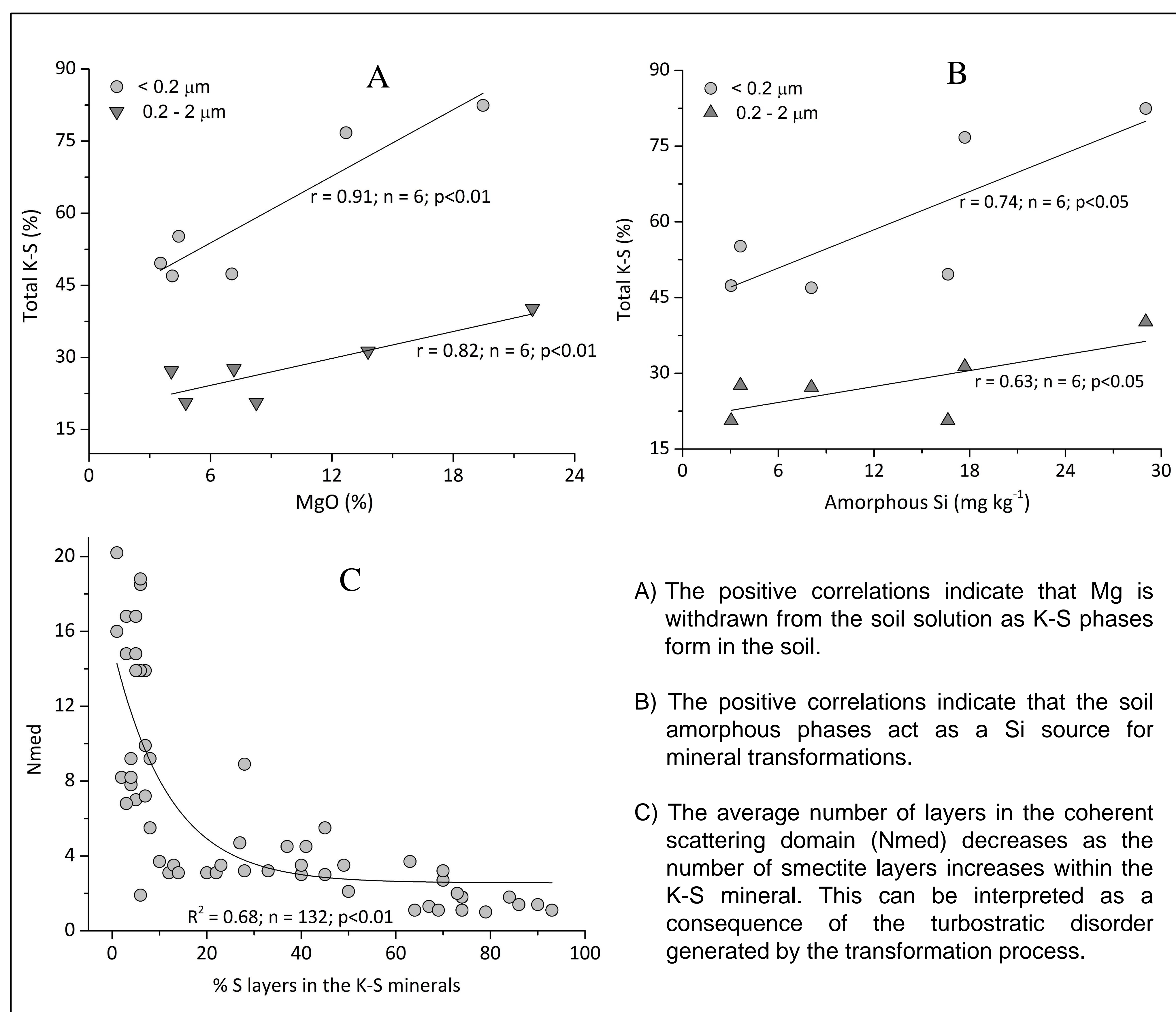


Introduction

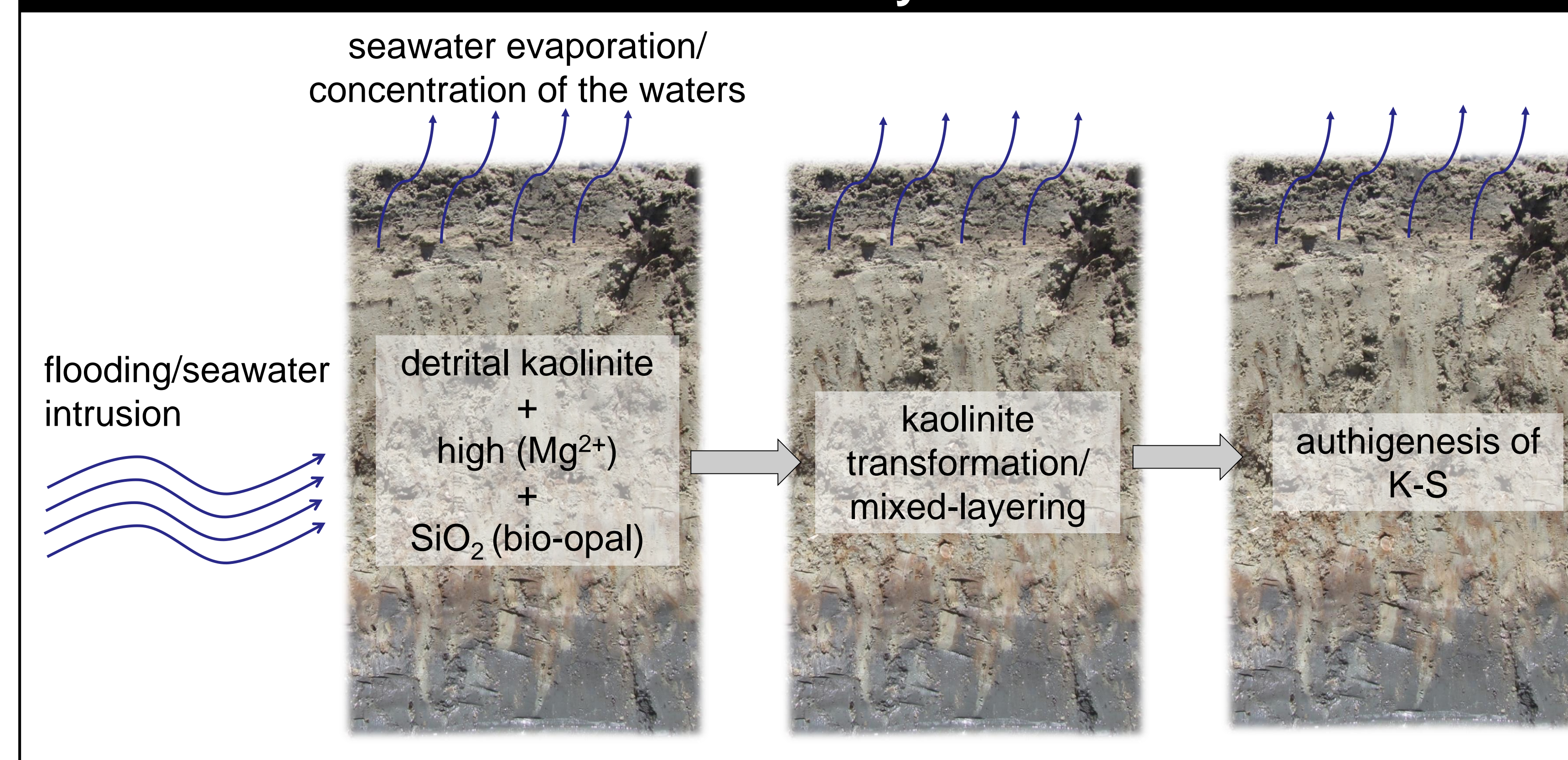
Hypersaline tidal flats (HTF) are very common on the Brazilian coastline and also on a global scale. The formation of HTF soils is a natural process in which the mangrove ecosystem is replaced by a new hypersaline environment. In this study, we present evidence of transformation from kaolinite to smectite in HTF soils. Results from one soil profile are reported here.



Hypersaline tidal flat ecosystem (Ceará State, Brazil)



Summary



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