

Biogeosciences Discuss., author comment AC1
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Reply on RC1

Inda Brinkmann et al.

Author comment on "Drought recorded by Ba/Ca in coastal benthic foraminifera" by Inda Brinkmann et al., Biogeosciences Discuss., <https://doi.org/10.5194/bg-2021-310-AC1>, 2022

Dear Referee,

Thank you for the evaluation of our manuscript and your constructive comments. We appreciate your suggestions and will implement the requested addition of references (line 52) and reformulation (line 126-261), as well as deepen the discussion on potential causes and consequences of the delay between continental hydrological changes (i.e. drought, river discharge) and responses in benthic foraminiferal Ba/Ca signals, both in section 4.1 'Contrasting hydroclimatic conditions in 2018/2019 and Ba/Ca shift in benthic foraminifera' and section 5 'Implications for applications of benthic Ba/Ca as paleo-river discharge and drought proxy'. During the revision we will further address the potential change of the manuscript's title.

Best regards,
Inda Brinkmann