

Interactive comment on “The role of East-Tethys seaway closure in the middle Miocene climatic transition (ca. 14 Ma)” by N. Hamon et al.

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Dear Editor,

We thank you for your summary of referees' comments. Concerning the major issues, we agree with convergent advice of referees on our introduction, and we will rewrite it consequently. In particular, we will include a summary of previous modelling work, including the work of Karami et al. (2011). As suggested by Dr. Herold, we will compare our results only with previous studies using coupled models in the discussion. Finally, we will discuss the impact of hydrology around the Paratethys and Mediterranean on middle Miocene oceanography. Referee #2 indicates that our manuscript should include a more detailed summary of tectonic and biogeographic events around the East-Tethys seaway during its closure. We will clarify the paleogeographic context

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of our study in the Introduction. Moreover, we will discuss more in details the timing and events of the seaway closure in the dedicated part of our Discussion.

We will publish point by point reply to both reviewer, and prepare a new manuscript taking their comments and advices into account.

Regards,

Dr. Noémie Hamon and co-authors

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