## A stably stratified Mediterranean Sea at gypsum and halite saturation

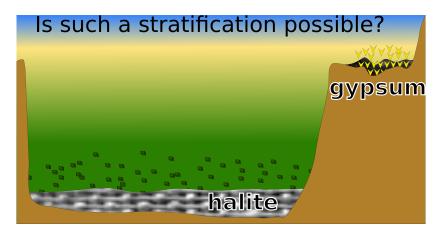
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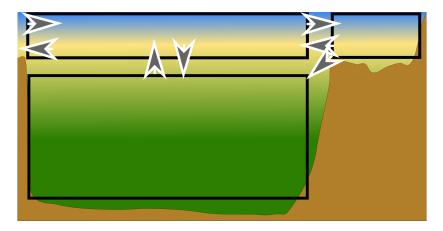






We are assuming that the shape of the margins has an influence on the circulation and thus on the salinity difference between the open and the deep basin.

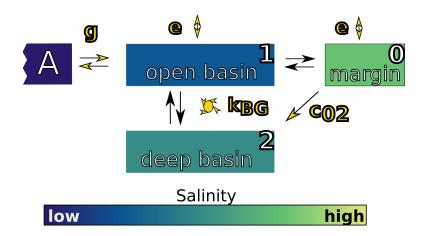
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To find conditions that could lead to such a stratified basin we are using a conceptual box model.



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The circulation is dynamic (driven by density differences) and scaled with g and  $c_{02}$ . The freshwater budget is contained in e, the mixing between the boxes is scaled with  $k_{BG}$ 

What is your take on this?

Would your research support this idea?

Are there hints of cascading brines during the MSC?



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