

Reply to reviewers

Reviewer 1 : this reviewer made only a few suggestions.

- Figure 5: I have added today's coastlines. Palaeolatitude is mentioned in the text and cannot be indicated on the figure because too uncertain.
- Figures 10 and 11 (now 12 and 13): I have added a scale in Figure 13; in Figure 12 the scale can be read from the section.
- Suggestion to add field photos and microfacies: to cover all sections and all microfacies, this would be an additional paper concentrating on the sedimentology (which has been published in the literature cited). It would be outside the scope of this paper, which has a focus on palaeoclimate. Just showing on or two microfacies would be misleading.

Reviewer 2: a very complete and constructive review.

- I have restructured the chapters as suggested.
- Better argumentation for orbital control: I added two more sections in Figure 7 and made a new Figure 8 that shows the correlation of elementary sequences. I have also added a figure that shows the geographical position of the sections (Fig. 6).
- Selling the pitch: I have added sentences in the various chapters to say what is new. Also, I have added a paragraph on Holocene sea level changes (Chapter 3.5).
- Bio- and chronostratigraphy (Fig. 4): I have better explained the differences between the three charts.
- Figures 10 and 11 (now 12 and 13): I have better explained the procedures and the uncertainties.
- Figure 12 (now 14): I have explained on which parts of the sections the models are based.
- I have considered all the minor remarks on the pdf.