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Interactive comment on “Sea level 400 000 years ago (MIS 11): analogue for present and future sea-level” by D. Q. Bowen

D. Bowen

DQBowen@aol.com

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I am grateful for the erudite review by Dan Muhs and have adopted most of his comments. He suggests that sites without adequate geochronology for a proposed MIS 11 sea-level and based on uplift rate extrapolation alone should be excluded. But some of the sites he recommends for exclusion do have acceptable geochronological ages for the MIS 11 sea-level: the Coorong Coastal Plain, Curacao and Rome.

The geochronology of the Coorong Coastal Plain beach ridges is not based on TL alone. U-series ages and amino acid data have also been used (Murray-Wallace, 2002, and references therein). The Curacao evidence is based on U-series ages for the MIS 5.5 and MIS 11 reefs.

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The MIS 5.5 site near Rome has been correlated with other sites in Lazio, notably Casale di Statua, that have definitive palaeontological and aminostratigraphical age evidence (Giordano et al., 2003; Ferranti et al., 2006).

Many of the additional sites with evidence for an MIS 5.5 sea-level at 6 m and published since the review of Murray-Wallace and Belperio (1991) require evaluation of their tectonic history. It seems unlikely that tectonic stability can be taken for granted in many cases.

Interactive comment on *Clim. Past Discuss.*, 5, 1853, 2009.

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