

Interactive comment on “Statistical trend analysis and extreme distribution of significant wave height from 1958 to 1999 – an application to the Italian Seas” by G. Martucci et al.

Anonymous Referee #1

Received and published: 26 October 2009

Dear authors,

I have indeed a bit more confidence on the data set if the correcting procedure is similar in nature to Caires and Sterl (2005). Please mention it.

On checking further on your comments that satellite data usage in ERA40, I have realized now that indeed such data were used well before the 90's but certain types of observations, such as those from scatterometer on board ERS-1 and 2 for surface wind fields were only used from January 2003 for instance. So, the assumption of data influence cannot be entirely ruled out but its impact might not be so important. On the other hand, if the link to the Eastern Mediterranean Transient cannot be solidly

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confirmed it might be best not to speculate on that matter. Mentioning the EMT in the introduction might well be useful as a way to show that the Mediterranean Sea is also the subject of long term oscillation.

Interactive comment on Ocean Sci. Discuss., 6, 2005, 2009.