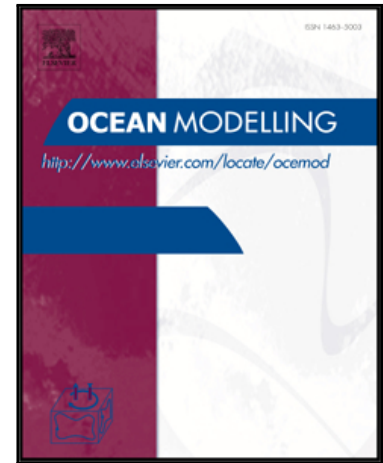


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Directional correction of modelled sea and swell wave heights using satellite altimeter data

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Highlights

- A correction for wave hindcasts based on satellite altimeter data is proposed.
- The technique corrects simultaneous sea and swell partitions present in a sea state.
- The proposed correction outperforms a similar technique applied for bulk sea states.
- The technique helped identifying systematic errors of the wave hindcast.
- The method could be applied worldwide to correct any partitioned hindcast.

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