

Ocean Sci. Discuss., author comment AC1  
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## Reply on RC1

Müjdat Aydın and Şükrü Turan Beşiktepe

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Author comment on "Mechanism of generation and propagation characteristics of coastal trapped waves in the Black Sea" by Müjdat Aydın and Şükrü Turan Beşiktepe, Ocean Sci. Discuss., <https://doi.org/10.5194/os-2022-1-AC1>, 2022

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Dear Reviewer,

Thank you for your comments and suggestions. We found them valuable and will improve the manuscript.

We would like to give more information to clarify some points you are concerned with reason.

We analysed couple of cases and presented only one case here to avoid bothering the reader with many figures and repeating similar sentences. Three cases are investigated in the master theses on which this study is based and the thesis is available online at the following link;

[https://tez.yok.gov.tr/UlusalTezMerkezi/tezDetay.jsp?id=g4mZSPr-snBekchVpBOojQ&no=zwpJ6wXobFu\\_TVqum1FRMQ](https://tez.yok.gov.tr/UlusalTezMerkezi/tezDetay.jsp?id=g4mZSPr-snBekchVpBOojQ&no=zwpJ6wXobFu_TVqum1FRMQ)

We mentioned findings from this thesis in our manuscript but did not give an explicit reference. In the revised form we will give reference to it. Although it is in Turkish all the figures are clearly present the events. We hope this will be satisfying your concern on reaching general conclusive statements.

We did not include İgneada in the detailed analysis because of the 2 reasons;

1. As you will see from the attached figure, data is not good at İgneada in the presented case.
2. First 2 stations (İgneada and Sile) are very close to each other and the time lag is in order of hours.

We will make these clear in our revised form as you suggest.

Thank you again for your time and effort to review our manuscript.

Please also note the supplement to this comment:

<https://os.copernicus.org/preprints/os-2022-1/os-2022-1-AC1-supplement.zip>