Nonlin. Processes Geophys. Discuss.,
https://doi.org/10.5194/npg-2020-22-RC2, 2021
© Author(s) 2021. This work is distributed under
the Creative Commons Attribution 4.0 License.

Nonlinear Processes in Geophysics
Discussions
Open Access
EGU



# *Interactive comment on* "The Impact of Entrained Air on Wave Dissipation" *by* Juan M. Restrepo et al.

**Anonymous Referee #2**

Received and published: 14 February 2021

This paper deals with the impact of bubbles on the damping of capillary waves. A simple homogeneous model is proposed from which the relevance of a damping due to bubbles can be estimated. The authors discuss at the end critically the outcome of their results to real ocean surfaces.

Overall the paper seems to be interesting work for geophysics. The quality of the paper could be improved. - In the introduction the aspect and the meaning of the damping of capillary waves should be worked out more. The introduction does not focus sufficiently on the main topic of this work. The same critics holds for the title, which should be mire specific, like by including capillary waves in the title.

- The interpretation of the model findings in more descriptive physical arguments would improve the readability of the paper.



Printer-friendly version

Discussion paper

CC BY

Interactive comment on Nonlin. Processes Geophys. Discuss., https://doi.org/10.5194/npg-2020-22, 2020.



Printer-friendly version

Discussion paper

CC BY