



EGUsphere, author comment AC1
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Reply on CC1

Alfonso Ganan-Calvo

Author comment on "The ocean fine spray" by Alfonso M. Gañán-Calvo, EGU sphere,
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Thank you indeed. As you say, these results may help to understand the origin of the aerosol content of the atmosphere. First of all, it would not only help to explain the ultimate origin of most nanoscale seeds that form clouds from supersaturated atmospheric vapor (cloud condensation nuclei), but knowing their precise mechanical birth process would help to understand the role of organic matter and pollutants at the sea surface (sea surface layer) in that atmospheric aerosol content and its microphysics. Secondly, the detailed statistical description provided can be a helpful tool to identify and experimentally verify the different components of the theoretical proposal.