

# ***Interactive comment on “Characterization of biogenic primary and secondary organic aerosols in the marine atmosphere over the East China Sea” by Mingjie Kang et al.***

**Mingjie Kang et al.**

fupingqing@mail.iap.ac.cn

Received and published: 12 August 2018

We greatly appreciate your time on the review of this manuscript and thank you for the positive comments. In this paper, we analyzed the organic molecular composition of marine aerosols that were collected during a marine cruise in the East China Sea from May 18 to June 12 in 2014. Biogenic SOA tracers and sugar compounds exhibited higher levels in the samples affected by continental air masses, suggesting the terrestrial outflow of organic matter to the East China Sea. Our results demonstrate that the Asian continent can be a natural emitter of biogenic POA and SOA in the marine atmosphere, which contributes to the communities of atmospheric chemistry and

[Printer-friendly version](#)

[Discussion paper](#)



environmental studies.

ACPD

Interactive comment on *Atmos. Chem. Phys. Discuss.*, <https://doi.org/10.5194/acp-2018-318>, 2018.

Interactive  
comment

