

Interactive comment on “Shipborne observations reveal contrasting Arctic marine, Arctic terrestrial and Pacific marine aerosol properties” by Jiyeon Park et al.

Editor Decision: Publish subject to technical corrections (01 Apr 2020) by Manuela van Pinxteren

Received and published: 9 April 2020

The comments are addressed satisfactory and the manuscript can be accepted. However, I have one technical comments about the availability of the data for the public. Copernicus requests that all data should be made available on reliable (public) data repositories to assure open and reproducible science. There are numerous accessible databases available. If the data are not publicly accessible, a detailed explanation of why this is the case is required. Please address this comment before final publication.

Response: As suggested, all data (including the 1-hour average BC (KOPRI-KPDC-00001140), CN₁₀ and CN_{2.5} (KOPRI-KPDC-00001137), standard SMPS and nano SMPS (KOPRI-KPDC-00001136), OPS (KOPRI-KPDC-00001138), and CCN (KOPRI-KPDC-00001141)) were uploaded to the Korea Polar Data Center (KPDC) (<https://kpdc.kopri.re.kr/search/>). To clarify this issue, we mentioned the data availability in the revised manuscript as given below.

Page 20, Line 519: “The data analyzed in this publication are available from the Korea Polar Data Center (KPDC) (<https://kpdc.kopri.re.kr/search/>), and also the raw data will be readily provided upon request to the corresponding author (yjyoon@kopri.re.kr).”