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MDPI

Biogenic Aerosol in the Artic from Eight Years of MSA Data from Ny Ålesund (Svalbard Islands) and Thule (Greenland)

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Supplementary material

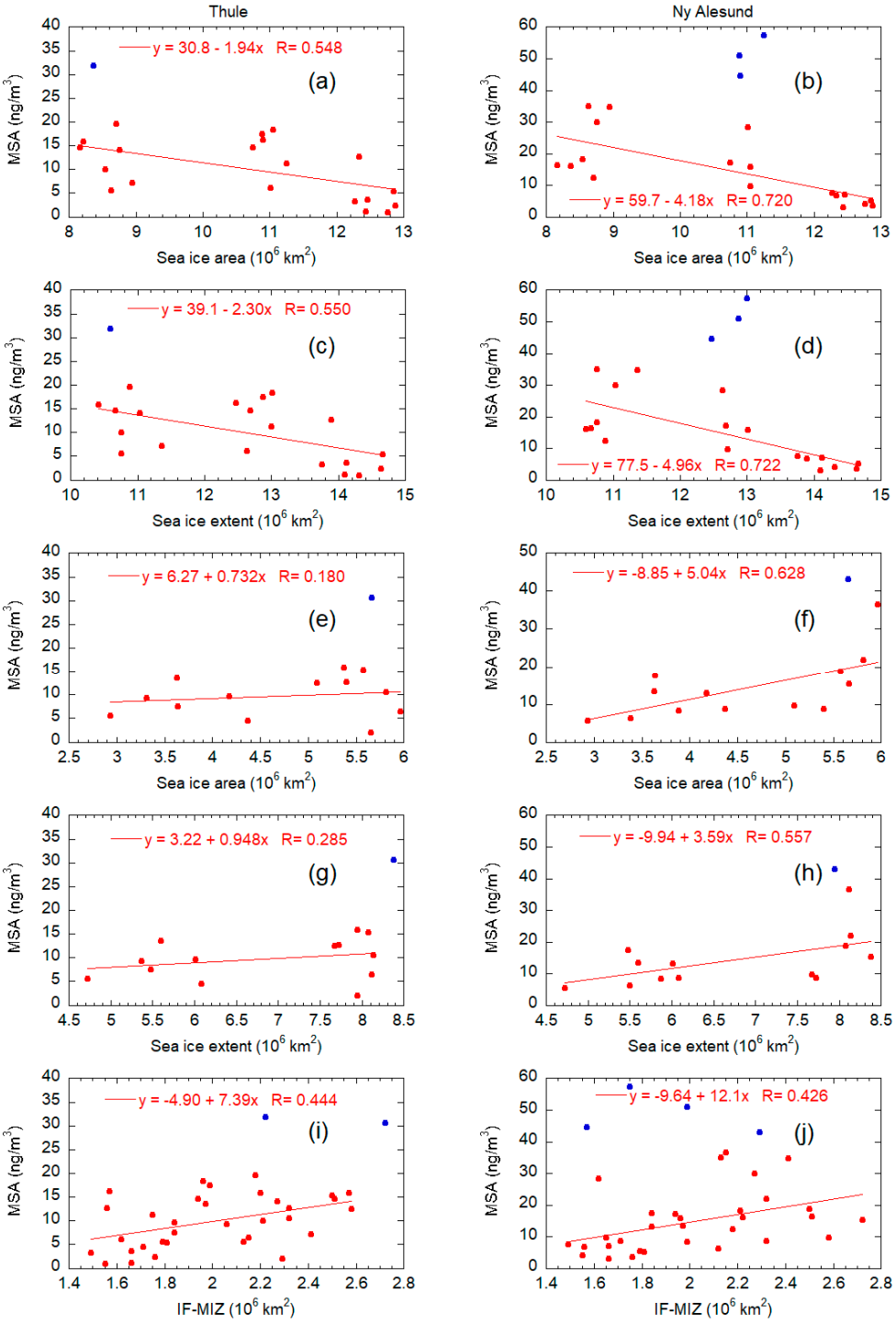

Figure S1. Correlation between monthly mean MSA and: sea ice area in April, May, June (plot a and b); sea ice extent in April, May, June (plot c and d); sea ice area in July and August (plot e and f); sea ice extent in July and August (plot g and h); ice free area in the marginal ice zone (IF-MIZ) from April to August (plot i and j). Plots on the left are related to Thule and plots on the right are related to Ny Ålesund. Blue dots are excluded from the calculation of liner correlation. Blue dots represent outlier values out of the range calculated as follows: (Q_1-k(Q_3-Q_1); Q_3+k(Q_1-Q_3) where Q_1 and Q_3 are the lower and upper quartiles respectively, k=1.5 indicates an "outlier" [1] . The outlier data are excluded by the correlation.

References

01. Tukey, J.W. Exploratory Data Analysis, Addison-Wesley, **1977**, ISBN 978-0-201-07616-5. OCLC 3058187