



Supplement of

Simulations of anthropogenic bromoform indicate high emissions at the coast of East Asia

Josefine Maas et al.

Correspondence to: Susann Tegtmeier (susann.tegtmeier@usask.ca)

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Supplement

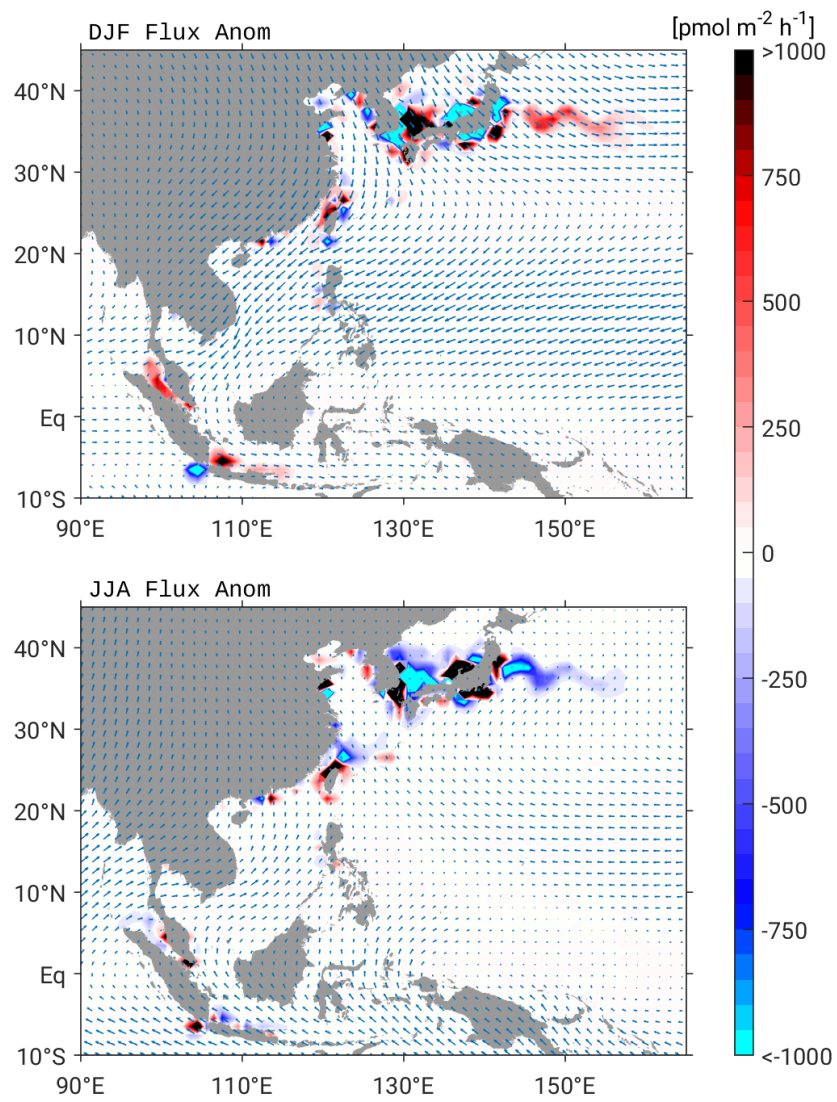


Figure S1: Seasonal anomaly of sea-air flux for the MODERATE scenario in boreal winter (DJF) and summer (JJA) (in $\text{pmol m}^{-2} \text{h}^{-1}$). Blue arrows show the seasonal mean surface winds from the forcing data of the simulation time period.

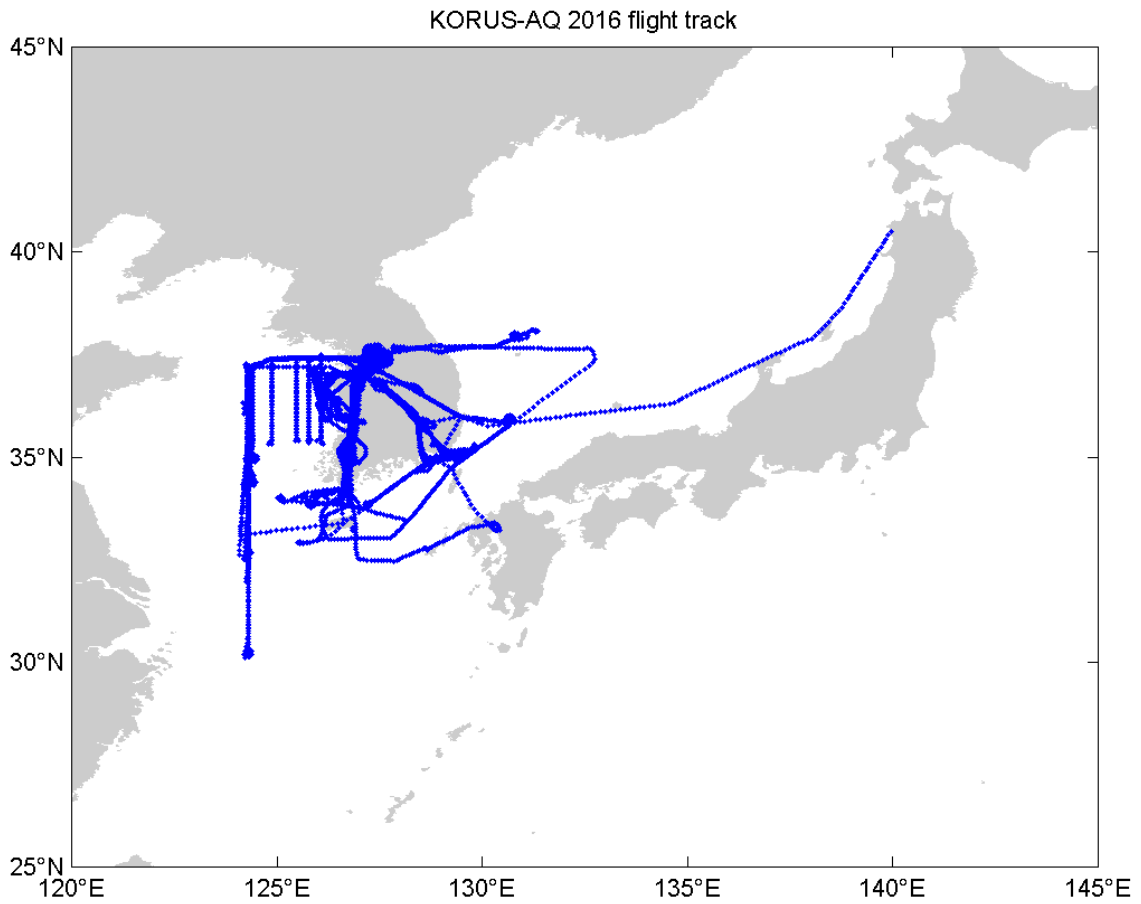


Figure S2: Flight track of the airborne bromoform measurements from the KORUS-AQ campaign in May-June 2016 over South Korea.

Table S1: Average atmospheric mixing ratios [ppt] from Ziska2013+MODERATE and Ziska2013 in the UTLS are given as the mean and the standard deviation over the largest 90 % (referred to as mean values) and over the largest 10 % (referred to as maximum values).

Scenario	Atmospheric mixing ratio [ppt] in the UTLS			
	JJA		DJF	
	90 %	10 %	90 %	10 %
Ziska2013+MODERATE	0.20 ± 0.07	0.38 ± 0.04	0.22 ± 0.07	0.39 ± 0.04
Ziska2013	0.15 ± 0.05	0.27 ± 0.03	0.18 ± 0.05	0.28 ± 0.02