Supplementary information

Significant Seasonal Change in Optical Properties by atmospheric humic-like substances (HULIS) in Water-Soluble Organic Carbon Aerosols

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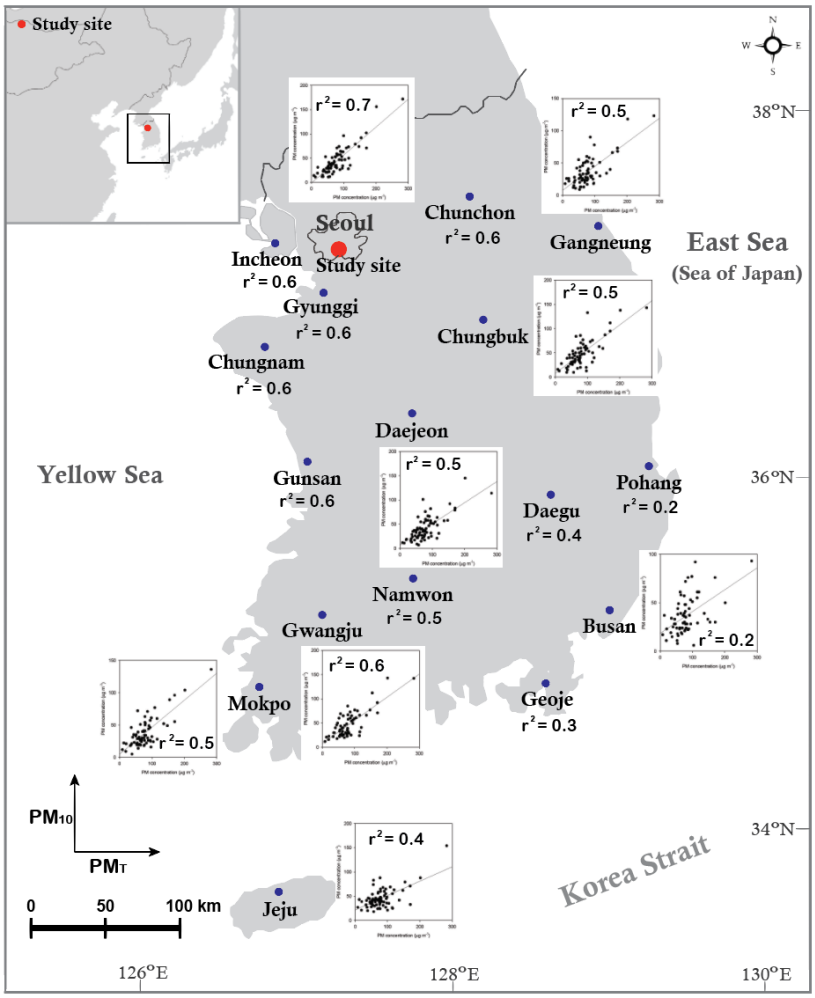

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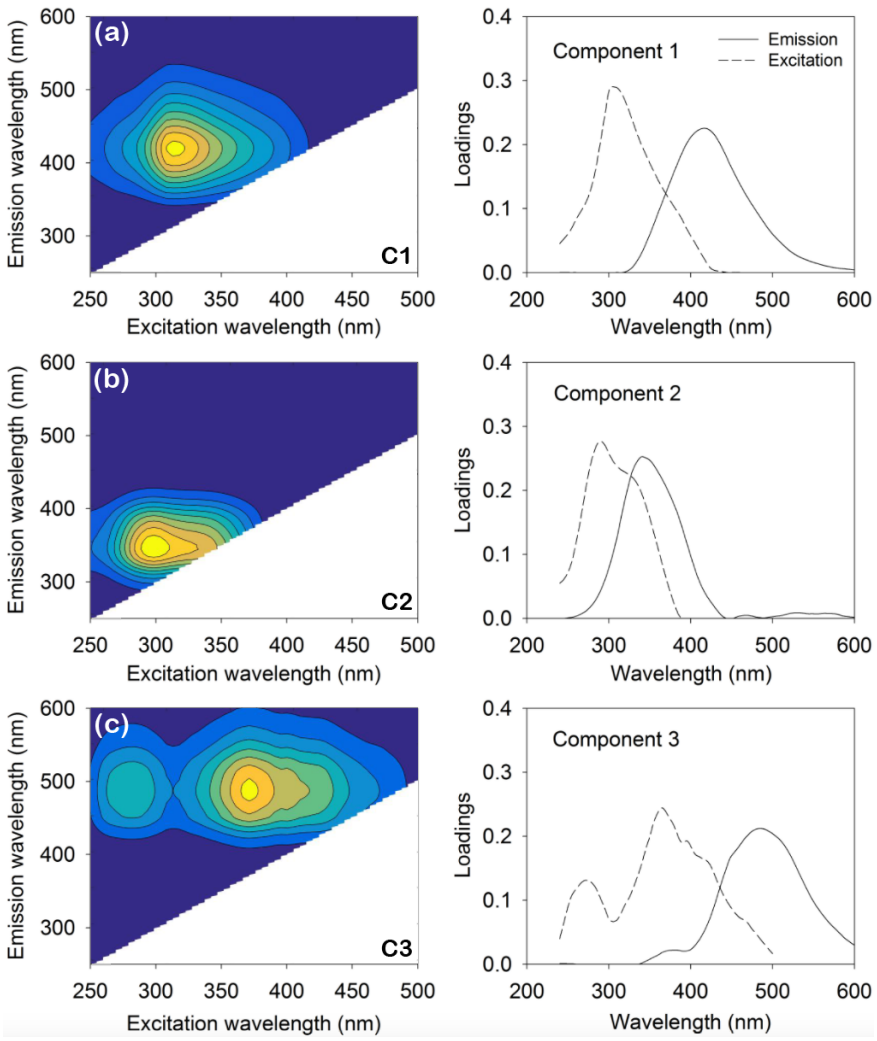

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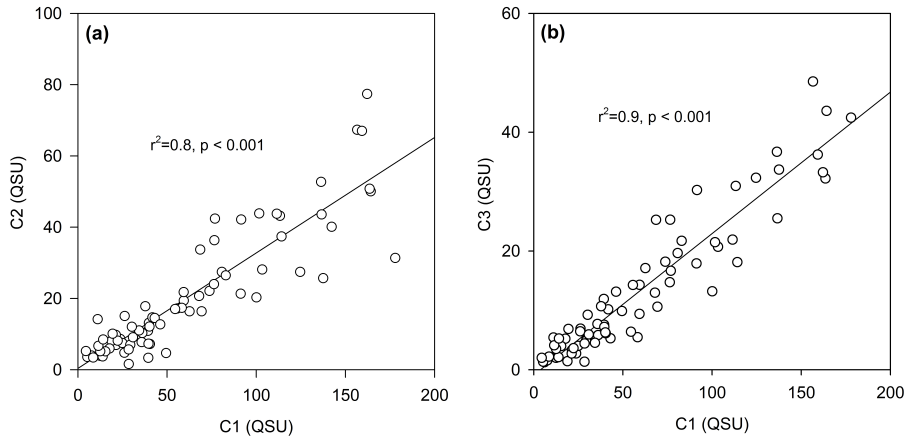

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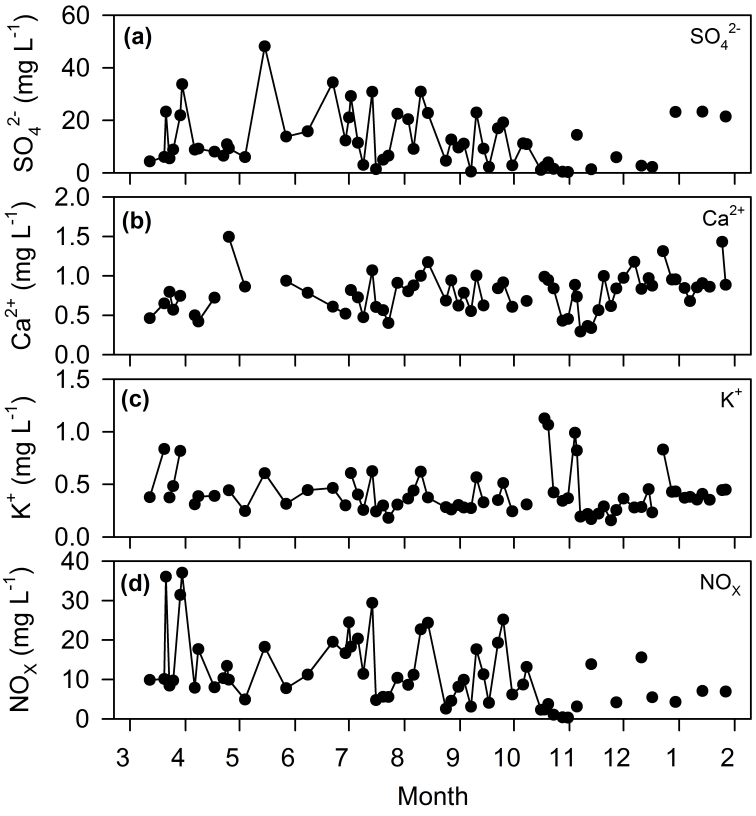

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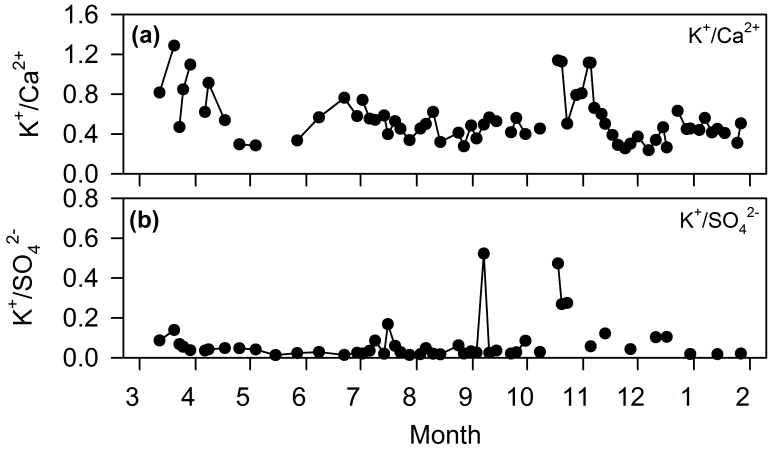

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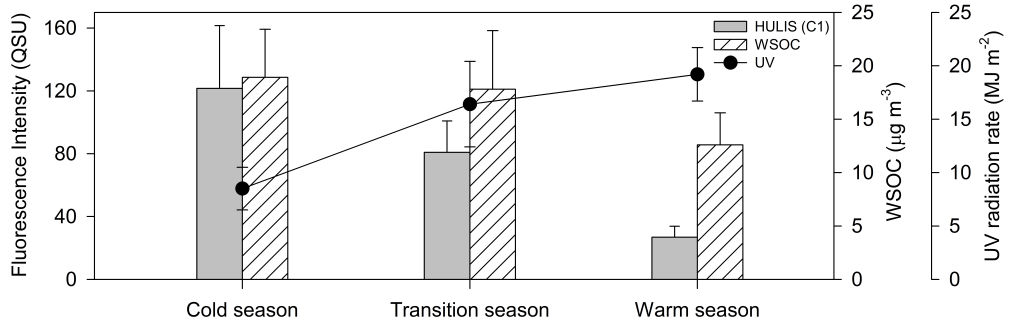

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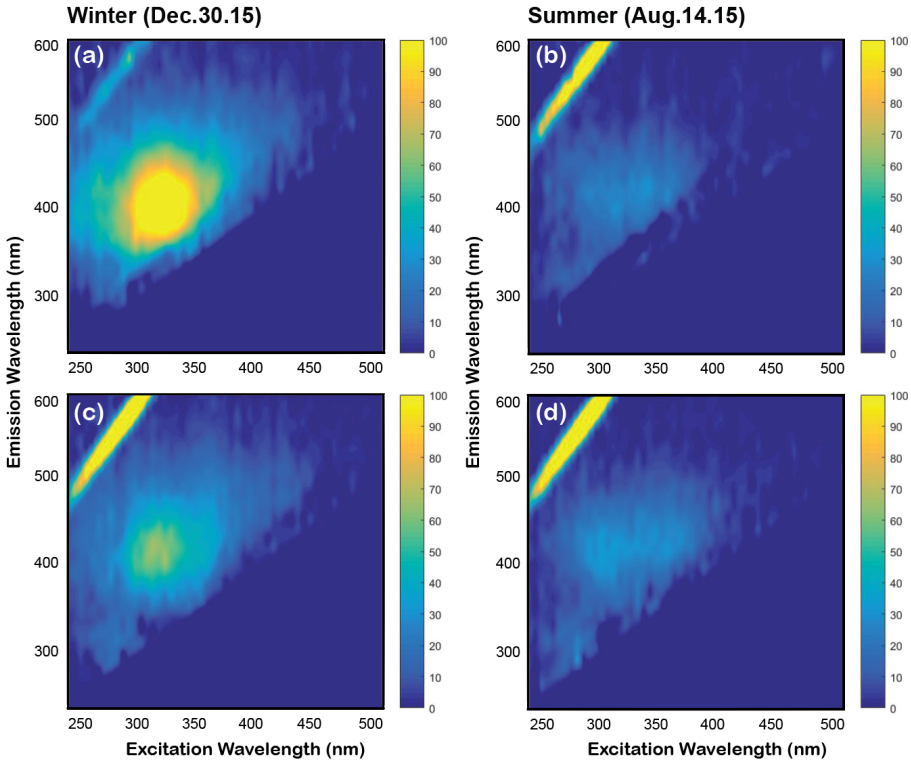

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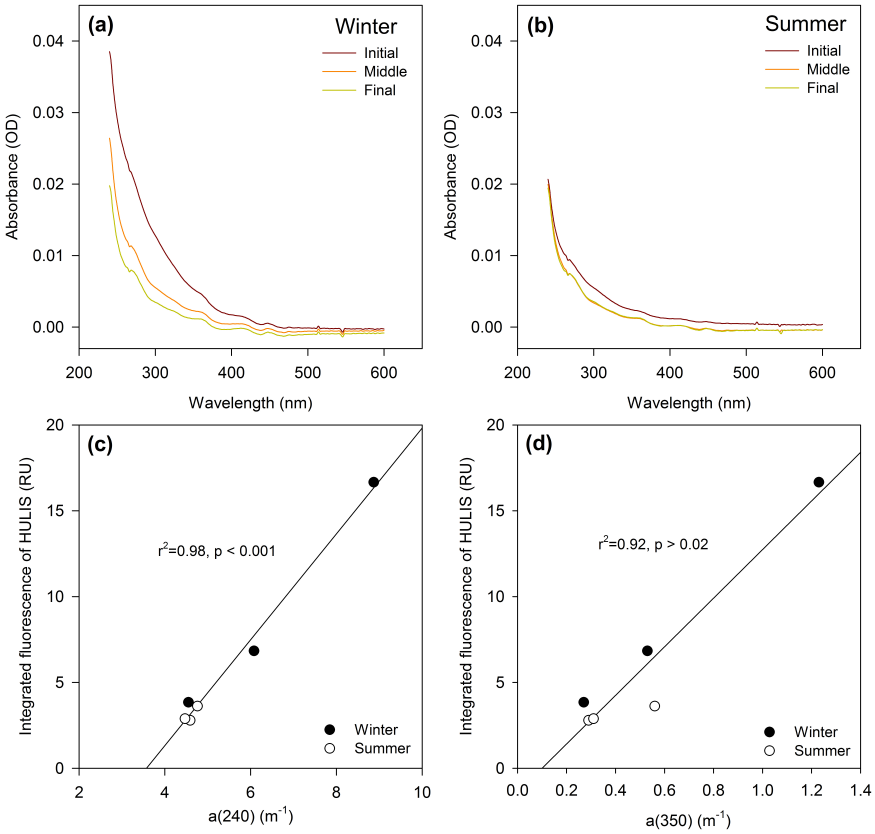

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Table 1: Spectral characteristics of the fluorescence components identified by PARAFAC model for the aerosol samples.

Component	Ex/Em wavelengths [nm]	Peak	Description and origin
C1	305/416	M	Terrestrial humic-like component (Stedmon and Markager, 2005); HULIS (Pöhlker et al., 2012)
C2	290/340	T	Protein-like (tryptophan-like) component derived from autochthonous processes (Stedmon and Markager, 2005; Pöhlker et al., 2012)
C3	365/484	C	Terrestrial humic-like component (Stedmon and Markager, 2005)