

Supplemental Material

Multidimensional Fluorescence Studies of the Phenolic Content of Dissolved Organic Carbon in Humic Substances

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Pahoee Reference IHSS

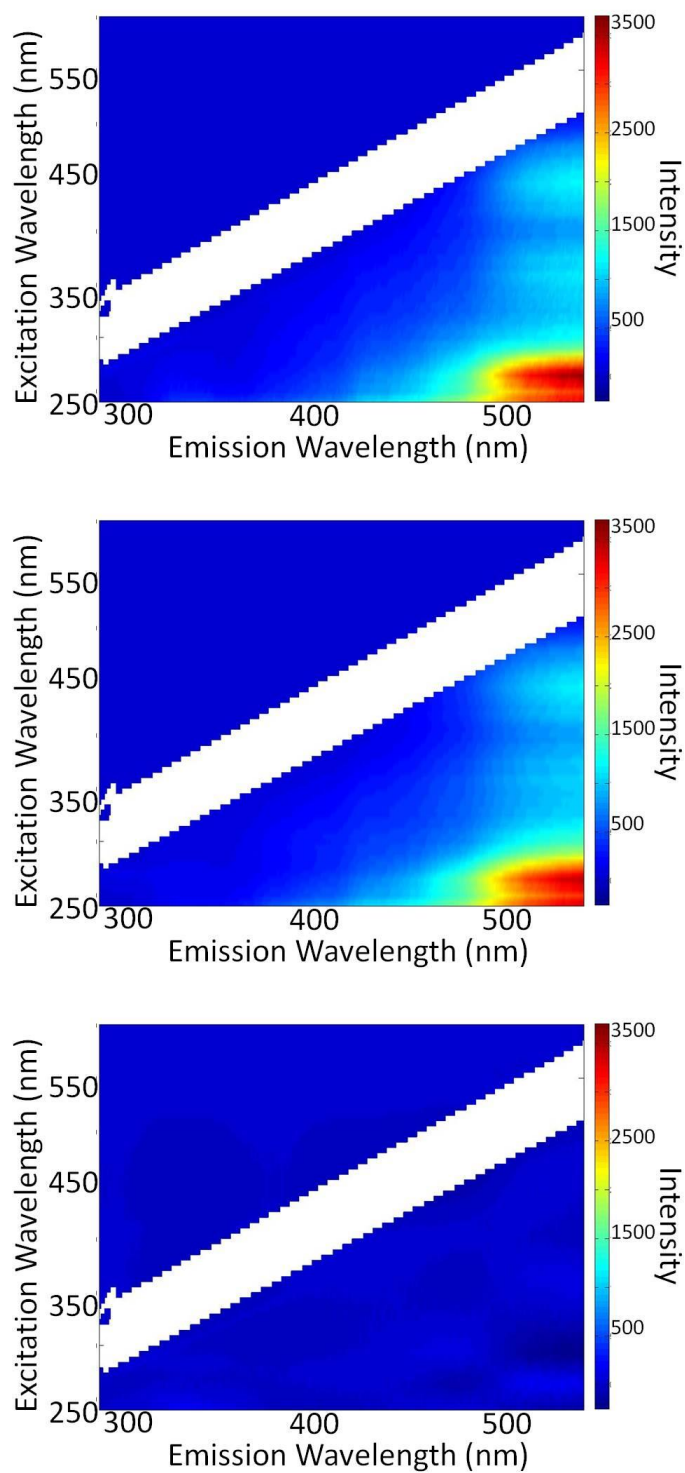


Figure S1. EEMs of Pahoee Reference IHSS (top to bottom: corrected sample, PARAFAC model, and PARAFAC residual). Intensity scales in relative fluorescence units (for a discussion of fluorescence units, see the Experimental Details section).

Pahoee Standard IHSS

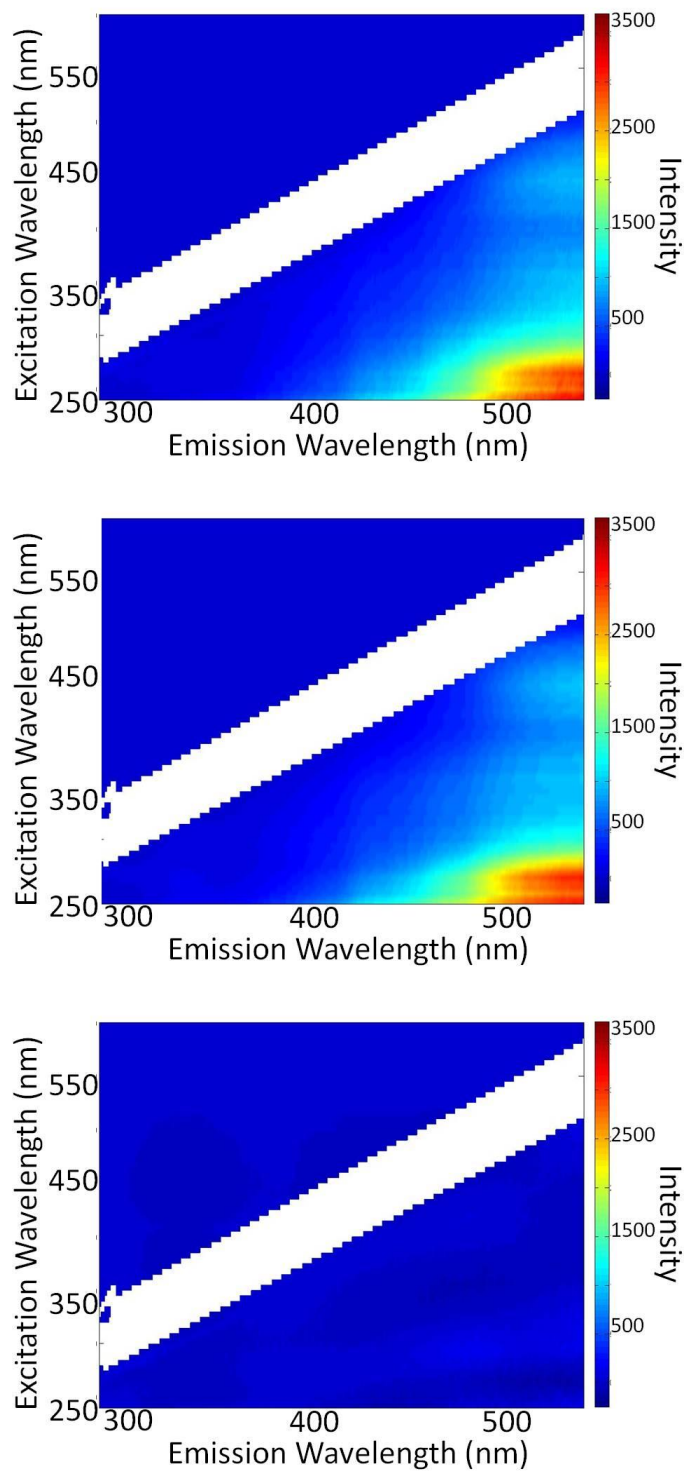


Figure S2. EEMs of Pahoee Standard IHSS (top to bottom: corrected sample, PARAFAC model, and PARAFAC residual). Intensity scales in relative fluorescence units (for a discussion of fluorescence units, see the Experimental Details section).

Nordic IHSS

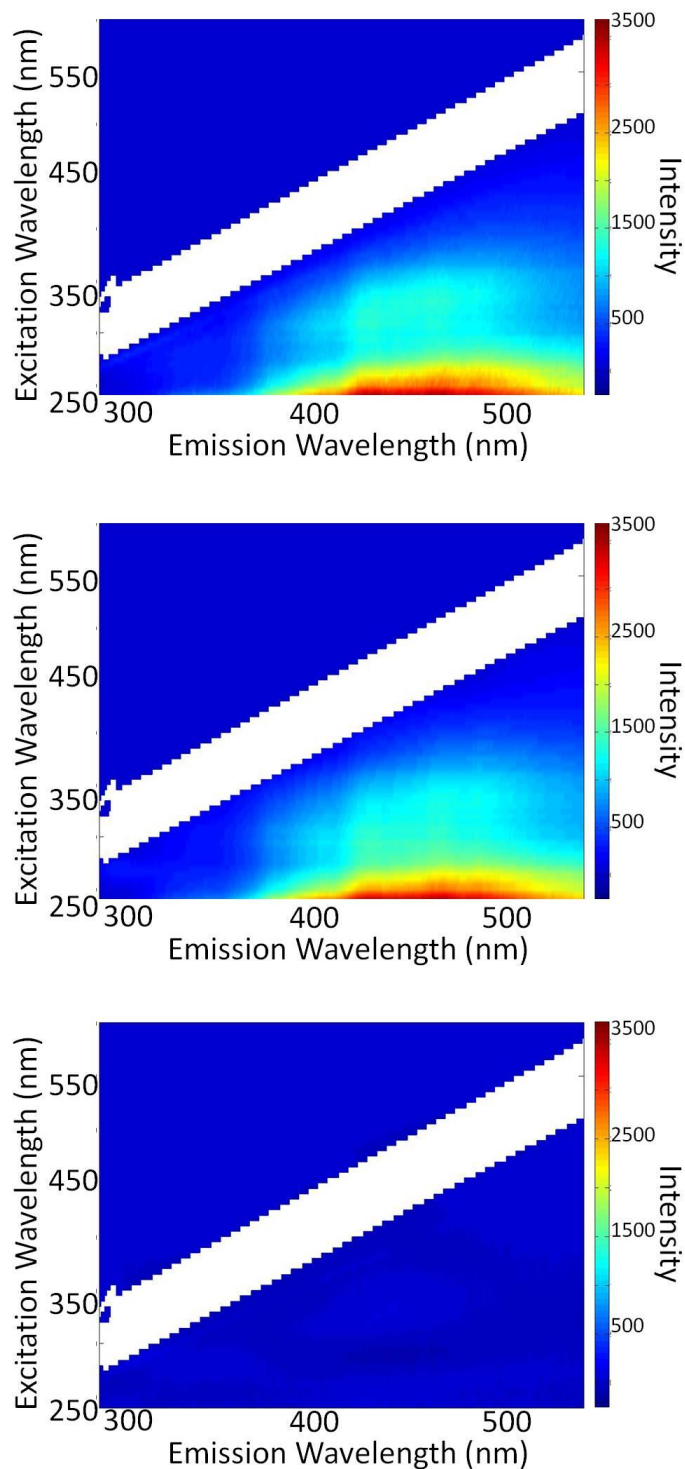


Figure S3. EEMs of Nordic IHSS (top to bottom: corrected sample, PARAFAC model, and PARAFAC residual). Intensity scales in relative fluorescence units (for a discussion of fluorescence units, see the Experimental Details section). Intensities for the Nordic sample have been multiplied by a factor of 2.

Waskish IHSS

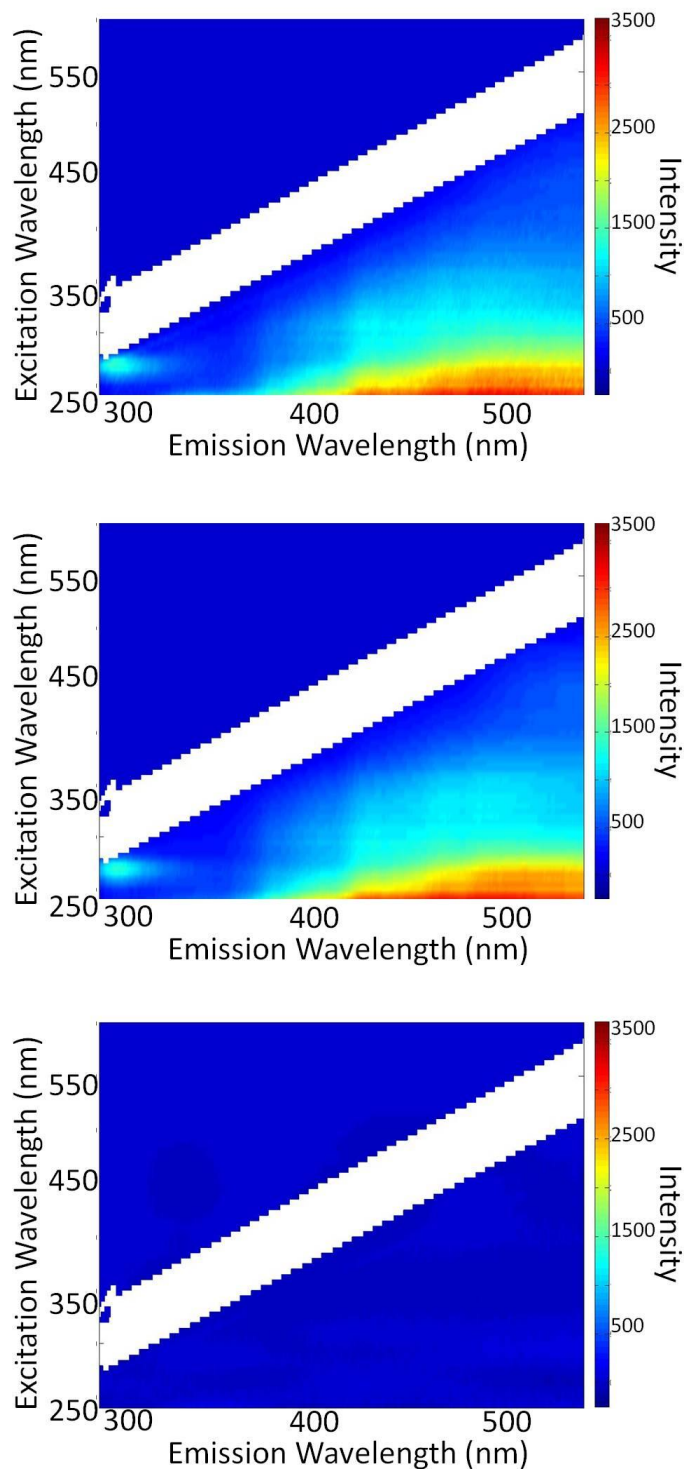


Figure S4. EEMs of Waskish IHSS (top to bottom: corrected sample, PARAFAC model, and PARAFAC residual). Intensity scales in relative fluorescence units (for a discussion of fluorescence units, see the Experimental Details section). Intensities for the Waskish sample have been multiplied by a factor of 2.

Suwannee River IHSS

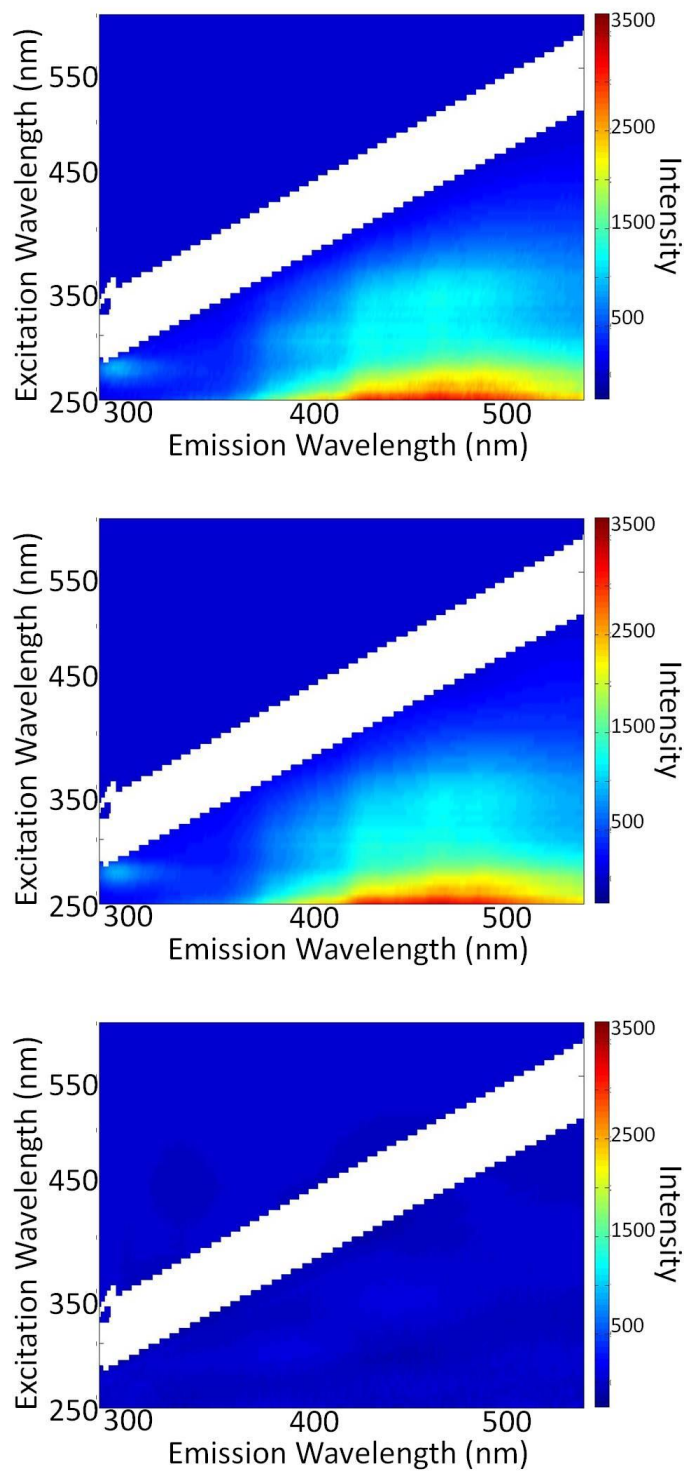


Figure S5. EEMs of Suwannee River IHSS (top to bottom: corrected sample, PARAFAC model, and PARAFAC residual). Intensity scales in relative fluorescence units (for a discussion of fluorescence units, see the Experimental Details section).