

1 Supplementary material to

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3 **From Canals to the Coast: Dissolved Organic Matter and**
4 **Trace Metal Composition in Rivers Draining Degraded**
5 **Tropical Peatlands in Indonesia**

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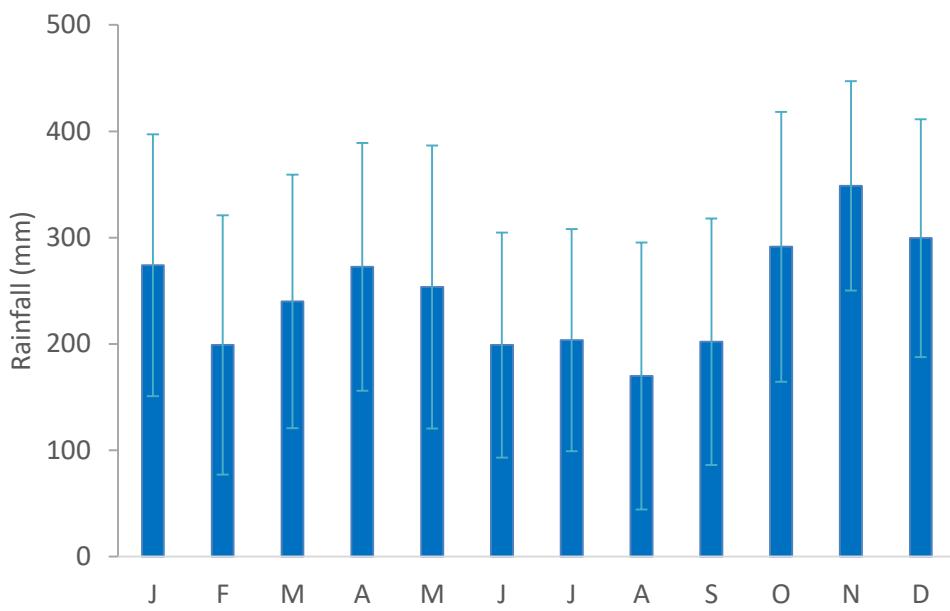
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23 **Figure SI.1:** Mean and standard deviation of monthly rainfall amount in Pontianak (1985-2017 data). The
24 sampling campaigns were conducted in January (end of wetter period) and June (drier period).

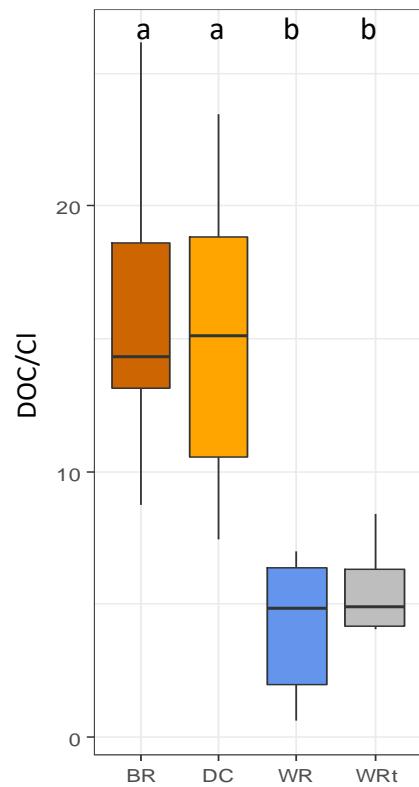
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31 **Figure SI.2:** DOC/Cl ratios for the different water types. Letters represent significantly different groups
32 (Kruskall Wallis and Dunn's post hoc multiple test).

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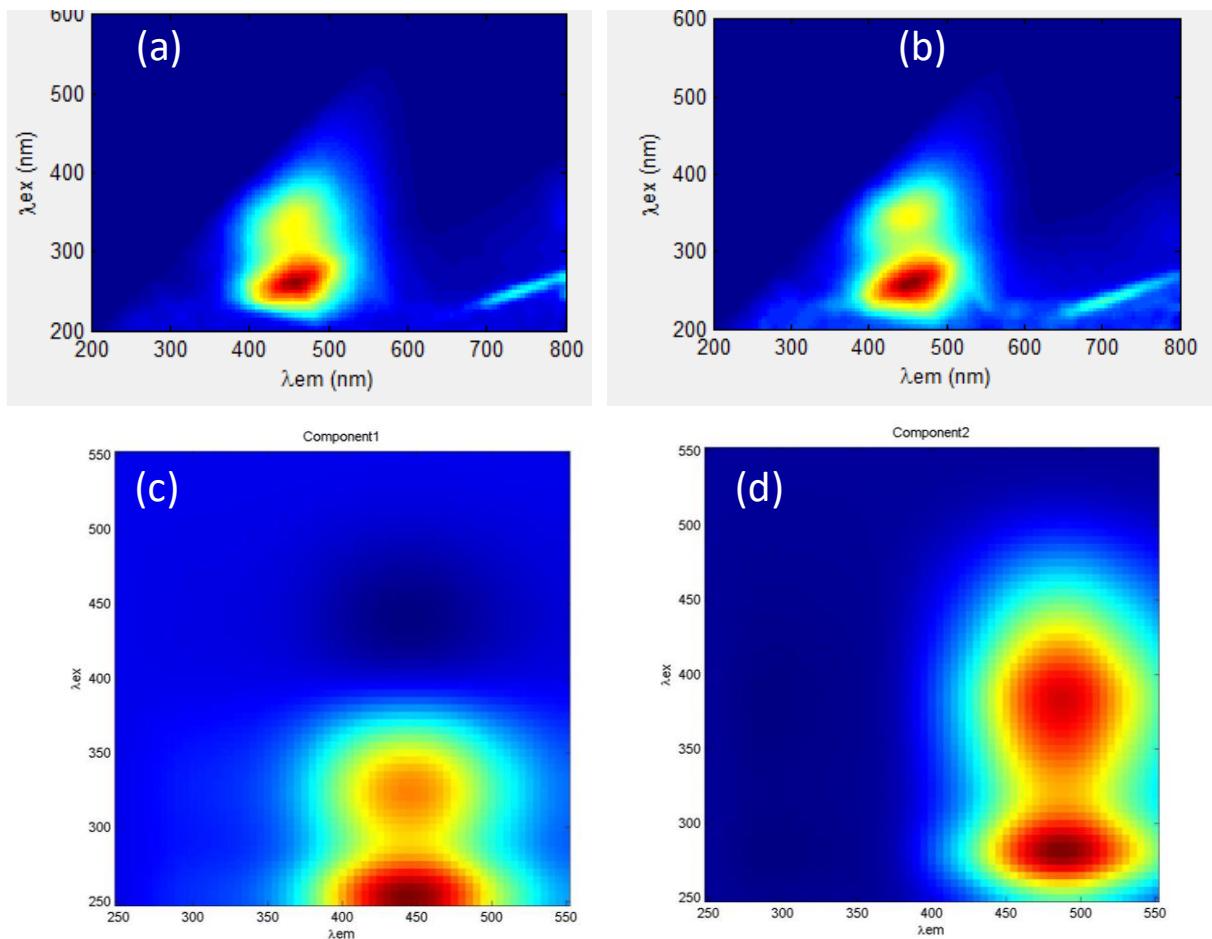
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41 **Figure SI.3:** Typical EEMS of black river (a) and white river (b). Main fluorophores revealed by the PARAFAC
 42 (c) C1 and (d) C2.

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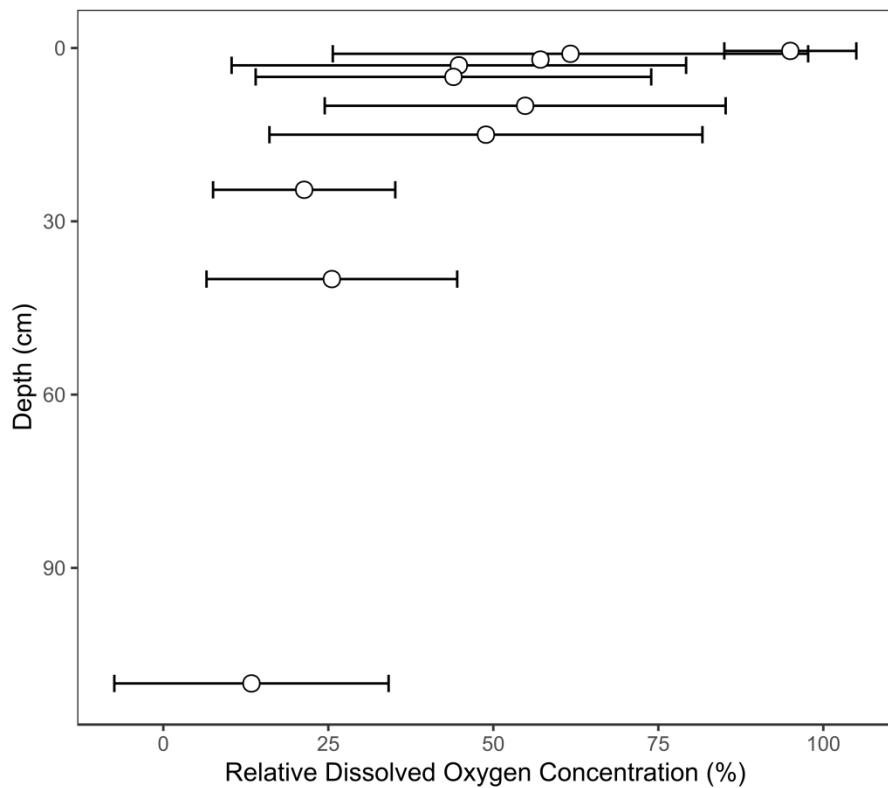
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55 **Figure SI.4.** Relative changes in dissolved oxygen concentrations with depth in the black river. Spatial replicates
 56 of depth profiles were measured at near the river bank, 15m from the edge of the river bank, and in the center of
 57 the river. Mean and standard deviations are shown. Depth profiles at all locations show a sharp decrease in
 58 dissolved oxygen with depth, indicating oxygen is consumed during the microbial processing of DOM, and
 59 likely limits decomposition rates.

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