**Mangrove-derived organic and inorganic carbon exchanges between the Sinnamary estuarine system (French Guiana, South America) and the Atlantic Ocean**

Running title: Mangrove-derived C exchanges with the Atlantic Ocean

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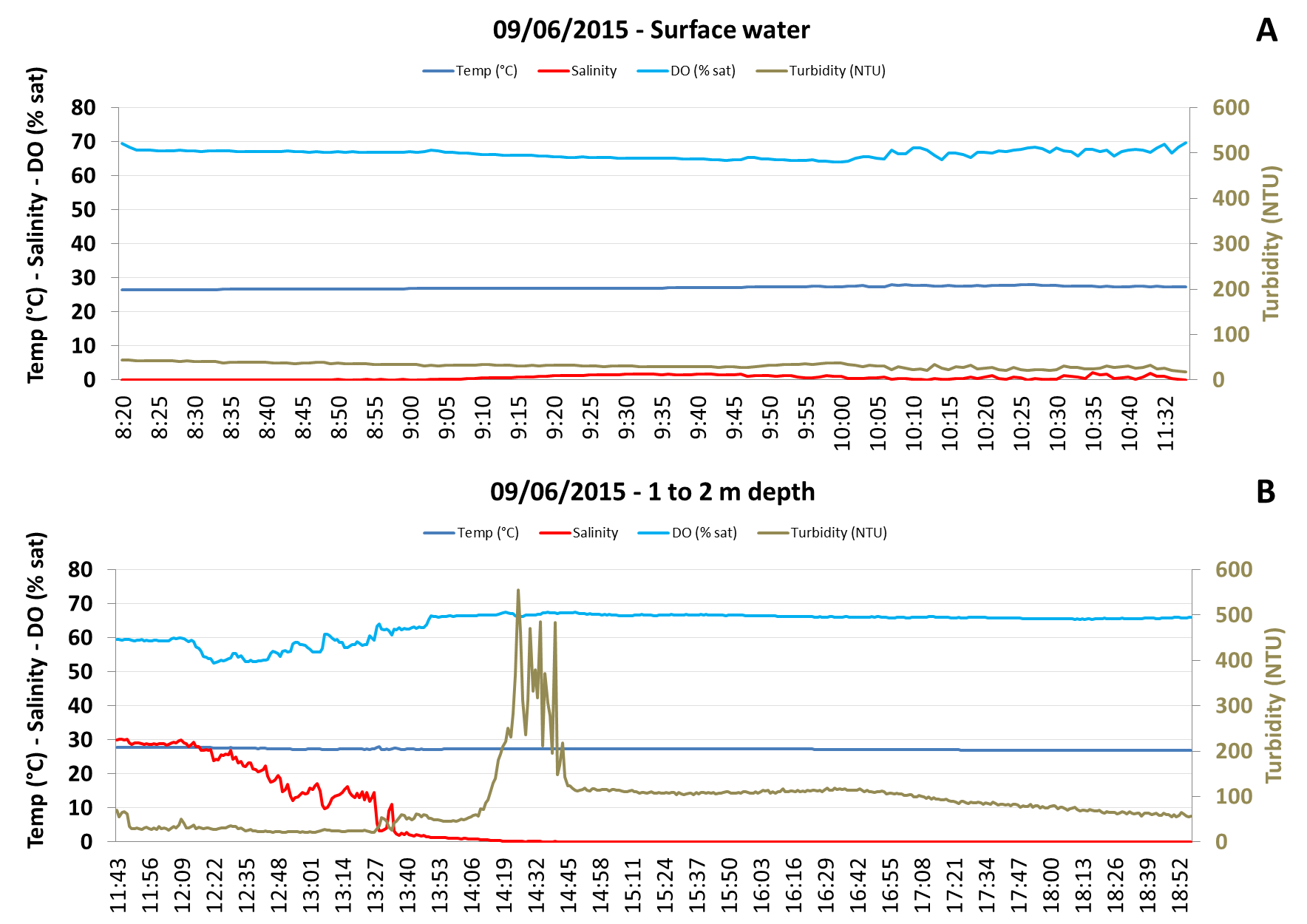
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**Supplementary materials**



**(wet season)**

Fig. S1. Physicochemical parameters recorded at station W in surface (A) and near bottom (B) water on June 9, 2015. Temperature (°C), salinity, DO (% saturation), turbidity (NTU) and water depth (data not shown) were recorded with YSI 6920v2 multi-parameter probes (see paragraph 2.2).

**(dry season)**

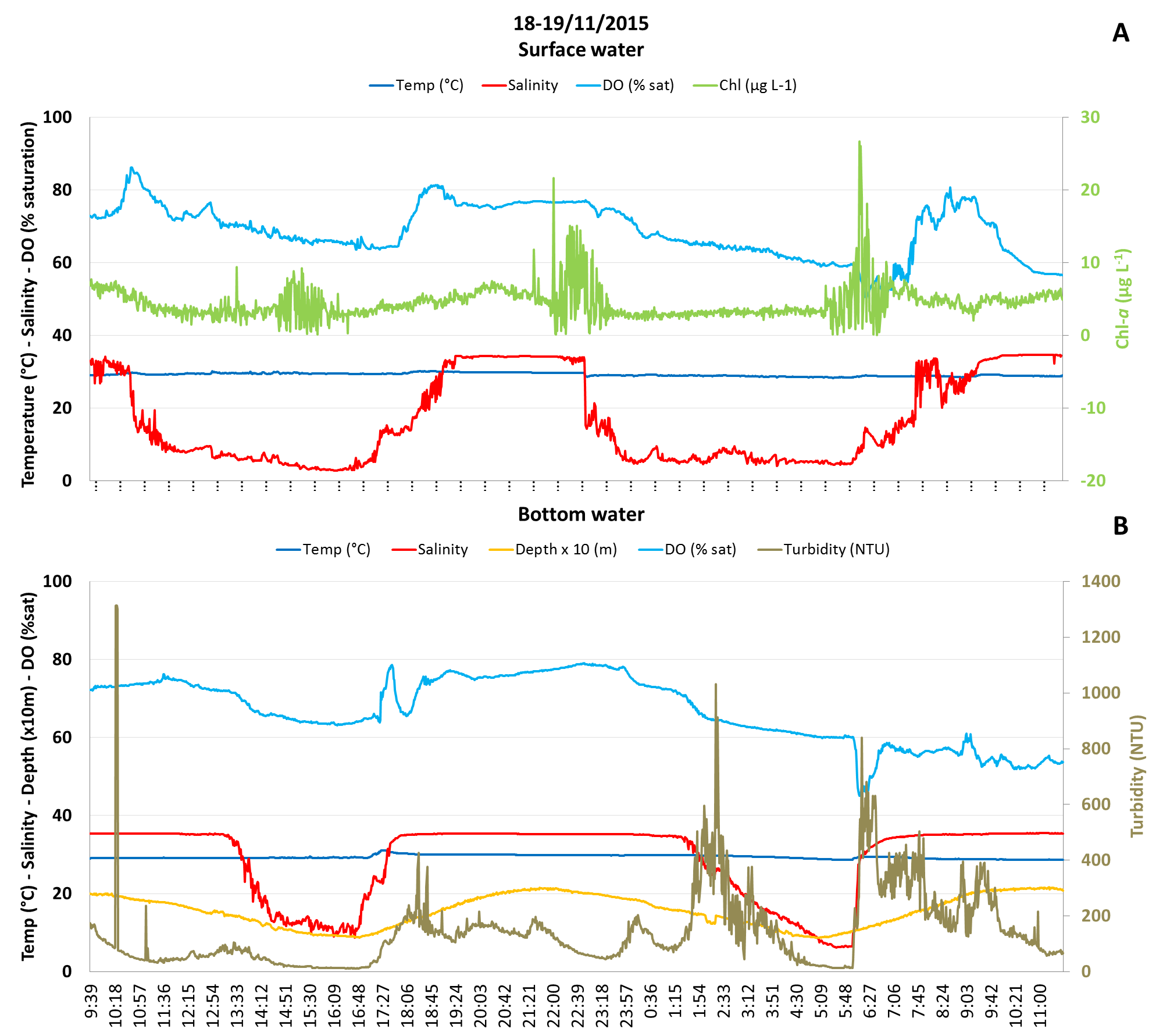


Fig. S2. Physicochemical parameters recorded at station D in surface (A) and bottom (B) water on November 18-19, 2015. Temperature (°C), salinity, DO (% saturation), Chl-a (µg L-1), turbidity (NTU) and water depth (x 10m) were recorded with two YSI 6920v2 multi-parameter probes placed on a mooring line (see paragraph 2.2).