



Fig. S1. Variation of the water parameters and organic matter content in the sediment of the study site during the sampling period. The absorption coefficient was used as an indication of water turbidity (see Materials and methods section for details). For parameters where replicated determinations were made, the points represent mean values (of two replicates for absorption coefficient total suspended solids, chlorophyll a and sediment organic matter; of three replicates for water flow) and vertical lines represent standard deviation. Lines were added for clarity purposes only; they do not represent continuous data collection or any adjusted model. Technical problems prevented the reliable measurement of dissolved oxygen values in January 2012.