

# ***Interactive comment on “Spatio-temporal assessment of the PCB sediment contamination in the four main French River Basins (1945–2018)” by André-Marie Dendievel et al.***

## **Anonymous Referee #2**

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Line 190 – 205: Clarify the methodology for calculating PCBs fluxes and loads. Are PCBs fluxes estimated on the basis of cores chronology and estimated sediment accumulation rates/mass accumulation rates? Line 290-320: Are there differences in the mean concentrations of PCBs in the specific time periods moving downstream? Line 330 – 340: Are there more recent to threshold effect concentrations to compare with? (i.e. predicted non-effect concentration (PNEC) from sediment bioassays). Are there PCBs reference background levels and assessment levels for the Mediterranean Sea and/or from OSPAR to compare with?

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Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2019-167>,

2019.

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