

HESSD-2014-354 Revision report

Local nutrient regimes determine site-specific environmental triggers of cyanobacterial and microcystin variability in urban lakes

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Dr. Christian Stamm

Editor HESS

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Dear Dr Stamm,

We have now addressed all technical corrections as requested. Please find below a point-by-point revision report, along with the revised manuscript for your consideration. We have highlighted the sections in the manuscript which have been amended or re-written.

We here would like to sincerely thank you for helping us to greatly improve our manuscript.

	Comments	Response	Location in text
1	L. 44: Please explain TFe because it is the first use in the text.	We agree and changed this to "total iron (TFe)"	L.44
2	L. 249: Should it not be "99.9% methanol and 0.1% trifluoroacetic acid"?	We agree that this was not clear and changed it to "acidified methanol (0.1% v/v trifluoroacetic acid (TFA))"	L. 249
3	L. 297: You say that the temperature ranged between 27 and 43°C during the study period. However, this is just based on the measurements during the sampling days. Please reword accordingly or depict the full range in Fig. 3B of data from the meteorological station.	We agree that mean temperature was just given for the sampling days and have reworded this sentence. It now reads "On the sampling days, mean pH fluctuated between 8.2 and 9.2 (Fig. 3A) and mean air temperature (Fig. 3B) ranged from 27 to 43°C in all lakes."	L. 297
4	L. 323: "air temperature" instead of "Air temperature"	We corrected the spelling error	L. 325
5	Fig. 2: Only the upper part of the SD are visible. Please correct.	We now show the error bars in both directions	Fig. 2