Hydrol. Earth Syst. Sci. Discuss., 11, C5006–C5007, 2014
www.hydrol-earth-syst-sci-discuss.net/11/C5006/2014/

Hydrology and Earth System Sciences
Discussions

Interactive comment on "Local nutrient regimes determine site-specific environmental triggers of cyanobacterial and microcystin variability in urban lakes" *by* S. C. Sinang et al.

S. C. Sinang et al.

anas.ghadouani@uwa.edu.au

Received and published: 11 November 2014

On behalf of the co-authors, I would like to acknowledge the insightful comments and suggestions provided by the referee. The open discussion forum provided by HESS is an excellent vehicle for advancing the process understanding through constructive and insightful feedback provided here. I salute HESS for this initiative.

We agree with the alternative and possible implications of the relationships observed and we will make sure that the discussion reflects the current discussion. In particular that the nutrient reduction is a viable strategy to control cyanobacterial growth in the

study sites.

The relationship between the amount of toxin and the cyanobacterial biomass remains an intriguing one and requires some further detailed studies. The explanations provided by the referee are of course plausible and we will make sure this also reflected.

Thank you for a stimulating discussion.

Anas Ghadouani

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 11, 11109, 2014.