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Comment

Interactive comment on “Model based on dimensional analysis for prediction of nitrogen and phosphorus concentration in the River Laborec” by M. Zelenáková et al.

M. Zelenáková et al.

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Thank you very much for your comment. We will consider them in the revised version. We will add air temperature to equation (2). We will also include the discussion related to the significant variables. We have chosen available variables in manuscript that mostly characterise the pollutant concentration in the stream. In the next comparative studies we will try to consider the other relevant variables although it is quite difficult to describe such complex phenomena (pollutant occurrence in the stream) that are influenced by natural as well as human activities. The model includes also measured

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concentrations in the stream that quite enough reflect character of the catchment.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 5611, 2012.

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