Author's response to reviews

Title: Hydroclimatological variability and dengue transmission in Dhaka, Bangladesh: a time-series study

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Dear Prof. Jigisha Patel

Editor

BMC Infectious Diseases

Please find enclosed our manuscript entitled “Hydroclimatological variability and dengue transmission in Dhaka, Bangladesh: a time-series analysis”, which we would like to submit for publication as an Research article in BMC Infectious Diseases.

This study explored that both high and low river levels associated with an increase in the hospitalizations of dengue fever with different time lags, using large dataset of hospital admissions in 11 principal hospitals in Dhaka, Bangladesh. These findings will provide exceptional importance for predicting dengue epidemics in Bangladesh, with a potential for improving disease control to reduce serious global consequences of dengue fever. The importance of this study would be highlighted with a background that few studies have reported an association of dengue epidemics with hydrological indices and there is increased concern for the effects of climate change on further spread of dengue epidemics. Therefore, we believe that BMC Infectious Diseases offers the most appropriate platform for disseminating our results.

Neither this article has been submitted to other journals nor has it published previously in other journals. We also affirm that we do not have financial or proprietary interest in the subject matters discussed in the manuscript. Neither is there financial nor non-financial conflicts of interest regarding the authors’ research. All authors (MH, AD, TS, MR and TY) have participated in the study, approved the manuscript and agree with submission to BMC Infectious Diseases. The authors transfer all copyright ownership of the paper to the BMC Infectious Diseases, in the event the work is published. If you have any questions about our manuscript, please contact Masahiro Hashizume at the address shown in the letter head. We are looking forward to your reply, hopefully saying this article is accepted in your journal.

Yours sincerely,

Masahiro Hashizume