

## ***Interactive comment on “The water temperature characteristics of the Lena River at basin outlet in the summer period” by Vera Fofonova et al.***

**Vera Fofonova et al.**

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Dear Editor,

Please, take into account that we do not agree with the evaluation of our work by Reviewer 2. We have done a really extensive work on the problem and obtained important results from our point of view, which can be interesting for many people:

- one of the main reason of the anomalously high water temperature at Habarova Station is found and explained using unique database
- quantitative and qualitative assessments of the impact of small rivers upstream Kusur on the measurements at Kusur Station are given
- trend estimates and behaviors of the water temperature at two basin outlet stations

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are given and discussed

-important gaps for the system understanding are indentified

Unfortunately, the comments of Reviewer 2 do not provide clear points what should be improved in the manuscript and signalize about lack of understanding of the manuscript (please, see the answers). We understand that our manuscript has open end and that it is not a final dot in the problem understanding. There are several issues that we cannot resolve using existing database and numerical instruments without additional measurements. However, the manuscript gives base for the future measurements and sets its directions.

Yours sincerely,

Vera Fofonova, on behalf of the authors

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