

**Final review on “Assessment of extreme flood events in changing climate for a long-term planning of socio-economic infrastructure in the Russian Arctic”  
by E. Shevnina et al.**

The final version of the paper “Assessment of extreme flood events in changing climate for a long-term planning of socio-economic infrastructure in the Russian Arctic” by E. Shevnina et al. can be fully accepted to the HESS. During several iterations of the paper improvement the methods and results interpretation have been considerably enhanced. Current explanations of using and received data are clarified, figures are demonstrative and text is readable. Authors, according to the climate scenarios, show a new methodic for a social-economical prediction quite well. Different variants of environment condition change and the Arctic river runoff affect are explained detail with applying purpose.

However, authorial methods can be further discussed but is useful anyway. Lack of the East Siberia runoff and meteo data are regrettable, it does not give a possibility to analyze current and to predict future hydrological conditions in this huge region but has the place to be. Most part of references for methods explanation are only in Russian. Hopefully, the reviewer is Russian too and can read it easy but it is not suitable for other foreign readers. Preparing of a target methodical paper(s) with an explanation and a clarification of several all-Russian common methods are recommended for an intended auditorium.

This paper will be fruitful for hydrologist by the presented data, the method, and results mapping and predictions.

Dr. Irina Fedorova