

Repeated article review
«The probabilistic hydrological model MARCS (MARkov Chain System): the theoretical basis
for the core version 0.2»
Elena Shevnina, Andrey Silaev

The new version of the article includes corrections corresponding to the comments made in the review. Almost all remarks are taken into account. Comments that were not taken into account are very extensive and further large research should be made for them.

The basis of the model considered in the article is the methodology, which has already received wide distribution and, accordingly, approbation on numerous catchments of rivers all over the world. Its reliability is proven and not doubted. There is an officially registered scientific school dealing with issues of dynamic, stochastic and partially infinite modeling of hydrological processes. One of the authors of the article comes from this scientific school.

I would like to comment on other reviews of the article, especially the one in which reviewer shows a negative attitude to the method proposed by the authors.

In hydrology, as in any science, there may be many promising directions. All these directions can be developed, successfully applied in parallel with each other and can compete with each other. But this does not mean at all that one direction may be better reasoned than the other. Simply, they can represent different aspects of the same knowledge. It is impossible to say which is better, which is worse, since they have their own subject areas. It is like a multitude of religions coexisting in society.

Probably reviewer Frolov A. represents the views of a competing scientific school. And in this case, the confrontation in the form of finding errors, inaccuracies, illogical conclusions can last for a very long time.

I believe that the article will be interesting to a wide range of hydrologists, especially representatives of both friendly and competing scientific schools on the subject under consideration. This article should be published, maybe marked as “Discussions”.