

Asarin A.Ye.¹

1. Pitied is the quite narrow direction of the considerable part of researches (this was discussed almost at all sessions) oriented to modeling of ice strength characteristics and/or its action on building or planned to be build constructions on oil-rich shelf.
2. Often expressed (in Symposium's lobby as well) hopes to hydroschemes with reservoirs on Lena river and its tributary streams as efficient means (but not used for some reason) to prevent floods of jamming/clogging origin are unfortunately groundless.

Carried out not long ago (after the disaster in the town of Lensk, 2001) the analysis of designs on building reservoir hydroschemes for hydroenergy and transport purposes on the river Verkhnyay Lena (Verkhne-Lenskiy and Mukhtuyskiy) and tributary streams (Kirnga and Okyokma) confirmed their economic inefficiency. Functioning of these reservoirs as an accumulator of ice material and a part of flood water outflow, i.e. keeping them on lower levels up to river opening, reduces their energy effect and makes them much more less expedient.

More details on this question are given in the 11-th edition of the scientific-research publication "Safety of energy structures", NIIES, 2003.

After the paper of THIS there is followed the remarkable work of other more famous authors.

¹ "Engineering Center of EES", the Institute "Hydroproject", Deputy Chief of the Department of Water Handling Facilities and Environment Protection, Prof., Dr., Moscow, Russia