

**Matishov G.G.**

**Fish farming issues and technical solutions of aquaculture**

**Abstract:** In the field of aquaculture, there are a number of quick solutions, including the use of computer technologies, communications and some others. In world practice, there are several types of aquaculture production that use different methods of growing aquatic organisms: pasture, pond and industrial, differing in the levels of intensification of the technological process. Intensification of fish farming includes mechanization and partial automation of processes, which allows to increase labor productivity, reduce the duration of production processes, and reduce the cost of products. Mechanization of measures to increase the fish productivity of reservoirs (mechanization of reclamation work, fertilizers), compliance with optimal timing of work (fishing of ponds, sorting of fish), reduction of fish waste (for example, as a result of conventional aeration or oxygenation in case of oxygen deficiency) and reduction of feed losses (improvement of methods feeding fish).