

The differentiation of oil sludge depositories depending on their resource potential

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The differentiation of oil sludge depositories is one of the principle tasks for the petroleum companies while making an inventory and entering oil-contaminated waste facilities in the company's books. The largest and most essential projects are primarily utilized allowing reducing the payback period of large-scale ecological projects of the companies.

This requires the development of criteria for stratification of oil sludge depository and building differentiated models of the depository condition due to the size of sludge storage pits resource potential. First of all the physical and chemical composition of oil sludge is carried out taking into account its consumer appeal.

For determining the cost of oil sludge depository the oil companies use the traditional formula.

There are several authors who offer another formula. The basis of these formulas is the dependence of the oil sludge depositories cost on the waste quantity and the size of the depository, but none of them takes into account the resource potential of the waste, as a mixture of substances. In our work we try to solve this problem using the methods of multivariate data analysis.

