

BIOREMEDIATION OF LAKE SEDIMENTARY DEPOSITS AND SEABED POLLUTED BY FUEL HYDROCARBONS

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Abstract

There are several highly polluted lakes and seabed sites in Pomerania region. A serious pollution can result from fuel hydrocarbons, including pyrolytic fuel in the case of German wrecks from the World War II (e.g. Stuttgart wreck in Gdansk Bay). The paper describe the pollution and results of introductory investigations showing effectiveness of aerobic bacteria bioremediation-process. An effective removal of various phenolic compounds was achieved.