

Gas Hydrates Investigations in the Gurian Trough

Abstract

The geological and geophysical conditions of gas hydrates formation in the Gurian Trough in the Black Sea are given in this work. The presented results of studies conducted in cooperation with German scientists from the University of Bremen during the sea cruises. It is shown that in the case of Gurian Trough intensive gassing (Batumi seep) observed is associated with the content of gas hydrates in marine sediments in the region.