

Geodynamic observation stations for early forecasting of the seismic activity of the Black Sea bottom

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The idea for the geodynamic polygon is based on the registration of changes in gas-methane rates in the permanently active gas source related to the tectonic infractions several hours before the occurrence of the earthquake. The main element of the geodynamic polygon is the piping installation. The purpose is: capturing the gas, measurement and control of its capacities. After defining the emitting gas quantities it is possible to gather the gas and use it for everyday and industrial needs.

Key Words: earthquake, geodynamic polygons, gas sources