

Observation of hydrothermal activity at EPR 17 deg 25S using an optical fiber distributed temperature system

Osamu Matsubayashi [1], Kiyokazu Nishimura [2]

[1] GSJ, AIST, MITI, [2] Geological Survey of Japan

An optical fiber thermometry system for deep-sea has been successfully introduced into actual field measurement for low-temperature diffuse flow hydrothermal system at EPR 17 deg 25 S. Data processing and interpretation of the obtained results are given here.