

003-01

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A river runs through oceanic crust

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Seafloor hydrothermal activity is known at about 400 sites in the world. Such sites are regarded as hypothetical river mouth of the advection that develops within the oceanic crust. The TAIGA project has been investigating the in-situ biogeochemical reactions adopted by the resident extremophiles together with the overall structure and function of the system.

Keywords: TAIGA project, hydrothermal activity, deep biosphere, extremophile, oceanic crust, drilling