

Paleoenvironment variations in southern Lake Baikal during the 150 kyrs using the lake sediment cores

*Yui Itayama¹, Asuka Hayano¹, Yushi Kamegai¹, Shiori Yasuda¹, Takuma Murakami², Shinya Ochiai³, Masakazu Niwa⁴, Nagayoshi Katsuta¹

1. Gifu University, 2. Horonobe Research Inst. for the Subsurface Environment, 3. Institute of Nature and Environmental Technology, Kanazawa University, 4. Japan Atomic Energy Agency

In this poster presentation, we report paleo-environmental changes in the southern region of Lake Baikal by chemical and grain-size analyses for the lake sediment cores.

Keywords: Bioproduction, Moisture variation, Fluvial erosion, Glacial erosion, Marine Isotope Stage 5d, Last Glacial Maximum