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HQR023-05

Room:303

Time:May 24 17:30-17:45

Depositional environment change during glacial/interglacial cycle, based on fluvial terraces, around Lake Biwa

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I clarified landform development around Lake Biwa based on geomorphological and geological survey. Although the lake level is controlled mainly by bedrock exposed along the course of the Seta River and not directly influenced by sea level, older to younger terraces are widely distributed. I interpreted that the formation and preservation of fluvial terraces were results of crustal movement and depositional environment changes during glacial/interglacial cycle.

Keywords: Lake Biwa, fluvial terrace, depositional environment, landform development, tephrochronology