

## Variation process of stable isotopic composition with hydrological cycle in Kherlen River basin, eastern Mongolia

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<http://www.geo.tsukuba.ac.jp/hydro/mktsuji/index.htm>

The variation processes of stable isotopic composition of water in hydrological cycle was investigated in Kherlen River basin, eastern Mongolia. The intensive sampling and analysis were conducted on the water samples of precipitation, water vapor in the atmosphere, soil water, groundwater and stream water. The source of water vapor in the forest site and grassland site was validated using the isotope data.