

**H121-P010**

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## On the water quality of groundwater in Takada Plain, Niigata Prefecture Japan

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We have investigated the water quality and stable isotope ratio of hydrogen and oxygen in Takada plain, Niigata Prefecture. Water quality of G4 aquifer is Na-HCO<sub>3</sub> type, and dD values are -60.4–51.2, d18O values -10.32–9.08. Stable isotope ratios in river water are smaller than those of groundwater.