

Stable isotopic compositions of groundwater in Takada Plain

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Stable isotopic compositions have been investigated in Takada Plain, Niigata Prefecture, to clarify the recharge area and flow system of the groundwater. The distribution of the isotopic compositions of hydrogen and oxygen suggested that the groundwater of the G4 aquifer was recharged in the surrounding mountainous area, but that of the G1 not only in the mountainous area but in the foot of the area and plain districts.