

Lake-level changes in Lake Nojiri, shown in grain size composition of cored sediments

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Lake Nojiri, in Central Japan, has a unique data of lake-level changes of more than a few meters during the last 30 to 40 thousand years. This presumption is based on acoustic records in that lake, however, there is no evidence based on sediments.

We took four short cores from lake bottom and analyzed grain size of sediments. The results show that there were more than twice of lake level changes in that lake.