

The estimation of sediment amount of Lake Suwa using our original handy bottom corer.

Hideki Yoshikawa[1]; Fujio Kumon[2]; Yoshio Inouchi[3]; Futoshi Nanayama[4]

[1] AIST; [2] Environmental Sci., Shinshu Univ.; [3] Human, Waseda Univ.; [4] GSJ/AIST

We got 56 samples (0.5-0.8m length) from bottom of Lake Suwa using our original handy bottom corer in 1991 and 2001. First, we found an event peak in these cores due to large flood in June 1961 around Suwa area. Then, we try to estimate of sediment amount between June 1961 and November 1991. Our result is a good evidence showing the advantage of our original corer.