

Water tank experiments used to "pet-bottle" and sedimentary structure of subaqueous pyroclastic flow deposit.

Akifumi Nozawa[1]

[1] Global Development Sci., Kobe Univ

Miyata(1998) introduced water tank experiments used to "pet-bottle", and discussed sand sedimentary structure. In this study, same experiments were carry out for very poor sorted pyroclastic-flow deposit, and compared subaqueous pyroclastic-flow deposits to experiments results. sedimentary structure gained by this experiments are similar to upper part of subaqueous pyroclastic flow deposits. This suggests that the upper part of subaqueous pyroclastic flow deposited after coming to stop.