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GSC020-P10

Room: Convention Hall

Time: May 23 17:15-18:45

## A planar and desktop gravity flow experiment as "Geotoy" using for geoscience educational material

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We developed a planar and desktop gravity flow experiment as "Geotoy" using for geoscience educational material. Especially, we have been considered about particles filled in the acrylic planar container. As our experimental result, it was found that the transport process is easy to see visually using glass beads than natural sand. Furthermore, we were devised to be easy to generate a gravity flow by placing amount of tiny glass beads. This experiment easily creates a variety of sedimentary phenomena. Referring to the opinion of users, we try to increase educational maturity of "Geotoy" (geoscience education materials) and also try to commercialization.

Keywords: geoscience education, educational material, planar and desktop gravity flow experiment, Geotoy, development, turbidite