

# The relationship between Intensity of radiation energy and soils variety

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We have been monitored changes in environmental radiation quantity over the past three years. We also found that the influence of the measured ground (weather, water content) is strongly affected. In our previous study have shown that the difference in the soil of the ground tends to lower the dose due to the difference in volcanic soil, mulch, and sand, and the large amount of water.

This time, we made a device that puts soil in a plastic container and puts a space where a Geiger counter can be put in the soil, put Kanuma soil, Akatama soil, zeolite, river sand in it and see the difference in dose. Whether the test was conducted 20 times, it was observed that there was a significant decrease in the dose in Kanuma soil, etc., although it depended on the weather conditions such as humidity.

It is a content that we realize that there are very many errors as the experiment continues, but we will have a presentation together with the evaluation of the error of the experiment how the soil brings about the high or low radiation doses.

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