

## **The Relationships between Groundwater flow and material recycling in the forested watersheds**

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In Tama hills, west part of Tokyo, the drastic rise up of water table of the piezo-meter during a rain storm event has been observed. From a Point of view of biogeochemical-cycle in the forest watershed, if quick vertical water movement has occurred, these phenomenonons are very remarkable.

Water chemistry was monitored during drastic rising up of water table caused by storm event. We will discuss about the groundwater flow-path to clarify the mechanism of material transfer in the forested watershed.