Landscape Controls Fate of Fukushima Contamination

\*Yuichi Onda<sup>1</sup>, Keisuke Taniguchi<sup>2</sup>, Kazuya Yoshimura<sup>3</sup>, Yoshifumi Wakiyama<sup>4</sup>

1.Center for Research on Isotopes and Environmental Dynamics, University of Tsukuba, 2.Centre for Environmental Creation, Fukushima Prefecture, 3.Japan Atomic Energy Agency, 4.Insititute of Environmental Radioactivity, Fukushima University

The Fukushima Daiichi Nuclear Power Plant accident has released massive amount of radiocesium into the terrestrial environment, and the radiocecium have been moved through rainfall and erosional processes. In Japan, intensive field montoring campaign has been started and continued for 4 years. The detailed monitoring of concentration of radiocesium and their flux, which can be applicable for the fate and flux of the radionuclide flow in humid environment espeacially controlled by the landuses of upstream.

Keywords: Cs-137, Fukushima, watershed