



Analysis of resuspension of Cs-137 in Fukushima with box model

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We use the atmospheric concentration of Cs-137 measured continuously at Namie, Fukushima and compare the observational results with a two-box model.

Resuspension, deposition and the vertical diffusion are considered in the model.

The values of five parameters in the model are estimated by the fitting of the data, such as the resuspension rate, the dry/wet deposition rate, and the exchange rate between the mixed layer and the higher atmosphere.