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Comment

## ***Interactive comment on “The impact of oceanic circulation and phase transfer on the dispersion of radionuclides released from the Fukushima Dai-ichi Nuclear Power Plant” by Y. Choi et al.***

**Y. Choi et al.**

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We deeply appreciate the positive comment from the reviewer. The response to his/her comment is described below:

[Comment] The paper has improved very much since the first version. I add a comment: Fig.2(a), Fig.4, Fig.6 and Fig.9 The information about sampling depth would be helpful for the reader. For example, in Fig.2(a), you should write 'Concentrations of radionuclides in (a) surface seawater'.

[Response] For observations, samplings of seawater were done from surface to 150 m depth and such description is now appended in the captions for Fig.2(a) and Fig 6. For

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model simulations, it is estimated based on the number of particles from the surface to the deepest particle. These descriptions are now appended in the captions for Fig.6 and Fig.9. The flow field shown in Figure 4 is the surface flow and is now clarified in the caption.

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Interactive comment on Biogeosciences Discuss., 10, 3677, 2013.

**BGD**

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