

September 6th, 2016

Dear Prof. Franssen,

We thank the editor and 2 reviewers for their insightful comments and constructive criticism. In the uploaded files you will find a clean revised manuscript, a marked up manuscript and a detailed response to reviewer's comment. We look forward to publication of this manuscript in HESS.

Sincerely,

Trenton E. Franz

Editor Decision: Publish subject to technical corrections (05 Sep 2016) by Prof. Harrie-Jan Hendricks Franssen

Comments to the Author:

Dear Dr Avery,

Your manuscript "Incorporation of globally available datasets into the roving cosmic-ray neutron probe method for estimating field scale soil water content" was subjected again to review by the two reviewers. Both of them suggest to accept the paper.

I also went again through the paper and suggest the following technical corrections:

L. 151: "of tens of hectares" instead of "at tens of hectares".

Changed.

L. 448: Rephrase sentence with "This warehouse (...)"

Changed to: "This warehouse, and other soil repositories around the globe, could be sampled in order to complete the global dataset for use by the cosmic-ray community."

L. 494: "begins" instead of "beings".

Changed.

After these corrections, the paper can be published. Congratulations!

Best regards,

Harrie-Jan Hendricks Franssen – editor