

Interactive comment on “Globalization of agricultural pollution due to international trade” by C. O’Bannon et al.

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This paper is one of the first to present a global overview of Grey Water Trade. It shows that as a result of virtual water trade some countries (net importing countries) externalize their water pollution due to agricultural production. Although the paper does not lead to striking results, it is a valuable addition to the literature, which is not rich in grey water assessment.

About the analysis and conclusion I have not much to add. The method of analysis looks appropriate and the conclusions drawn make sense. I only have problems with the incorrect use of units. Virtual water trade is a flux and as a result, the units should be in m^3/a or if it is computed per capita in $\text{m}^3/(\text{a}\cdot\text{cap})$. Only Fig2 uses correct units

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for the rest all mention in the text and in the Figures is incorrect. To be acceptable for HESS correct use of units should be made.

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