Department of Agricultural and Resource Economics

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Marinus L. Otte

Editor in-Chief

Wetlands Journal

September 22, 2021

Dear Sir/Madam,

I am happy to submit an original research article with the title “Valuing Ecosystem Services for Agricultural Wetlands: A systematic review and meta-analysis” for publication in the Wetlands Journal. The authors of this manuscript, Asare Eric, Mantyka-Pringle Chrystal, Anderson Eric, Belcher Kenneth and Clark Robert, have approved the manuscript and agree with its submission for publication.

Our manuscript evaluated the biophysical and socioeconomic factors that potentially influence wetland values (provisioning and regulating) on agricultural landscapes using a meta-analysis. The results of the study showed that per capita income, peer-reviewed journal publications, agricultural total factor productivity and population density had significant effect on provisioning wetland values, while agricultural total factor productivity, income level and wetland area had significant effects on regulating wetland ecosystem values. Also, we showed that meta-regression transfers errors were significantly lower than mean-value transfer errors from our estimated models.

The world has lost more than 50 percent of its original wetland area at a faster rate than other ecosystems in the world. The international wetland research community and policy makers would be interested in understanding the drivers of wetland values, on agricultural landscapes, globally. Also, policy makers could use our estimated wetland regression value functions to estimate wetland values on agricultural landscapes, which could provide the foundation for benefit cost analyses of wetland conservation and land use policies on agricultural landscapes to conserve wetlands.

We confirm that this manuscript has not been published elsewhere and is not under consideration by another journal. We have no conflict of interest to disclose. If you feel that the manuscript is appropriate for your journal, we suggest the following reviewers:

* 1. Spence Chris, email: chris.spence@canada.ca
  2. Minnes Sarah, email: sam880@mail.usask.ca

Thank you for your consideration!

Sincerely,

Eric Asare, Ph.D.

Postdoctoral Fellow,

University of Saskatchewan.