

## ***Interactive comment on “Sensitivity Analysis of a Coupled Hydrodynamic-Vegetation Model Using the Effectively Subsampled Quadratures Method” by Tarandeep S. Kalra et al.***

**Tarandeep S. Kalra et al.**

tarankalra@gmail.com

Received and published: 9 June 2017

Dear Executive Editor,

Thank you for your comments on the discussion paper. As per your suggestions:

The title of the discussion paper can be modified to include the name of the model as an acronym : Sensitivity Analysis of Vegetation Module in the Coupled Ocean Atmosphere Waves Sediment Transport (COAWST) Model Using the Effectively Subsampled Quadratures Method

Some parts of the COAWST model are still under development and we are in the

C1

process of getting a DOI for it in the coming months. We utilize the version number of the model only during the distribution process through "Subversion client" and the version number associated with the distribution that we used for this analysis is "svn 1108". We can add this information in the "Code Availability section".

In addition, we can add the information for the methods that we used in the "Code availability section" along with its DOI specification as:

Effective Quadratures Version 5.2 (<https://github.com/Effective-Quadratures/Effective-Quadratures/releases>). Seshadri, P., Parks, G., (2017) "Effective Quadratures (EQ): Polynomials for Computational Engineering Studies", Journal of Open Source Software, 2(11). DOI: 10.21105/joss.00166

Since our discussion paper is already downloadable, we request you to add a disclaimer section in the content of the paper while it finishes review as per United States Geological Survey (USGS) policy. This is the content of the disclaimer section:

This draft manuscript is distributed solely for purposes of scientific peer review. Its content is deliberative and pre-decisional, so it must not be disclosed or released by reviewers. Because the manuscript has not yet been approved for publication by the U.S. Geological Survey (USGS), it does not represent any official USGS finding or policy.

Thank you for your assistance.

---

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2017-107>, 2017.

C2