

Anonymous Referee #2

General comments.

[1] **RC2:** The paper aims to develop and validate a soil water-groundwater model, STEMMUS-MODFLOW, that accounts for the vadose zone processes and their interactions with the groundwater flow using a two-way feedback coupling scheme.

Response: We thank the reviewer very much for the time and effort and also for the helpful comments.

[2] **RC2:** I appreciate the authors' effort in writing this paper, but I found it hard to read and understand. I think the paper needs to be restructured with a focus on clarity and cohesion and resubmitted. I also noticed that most of the questions that I had from reading the paper were already asked by reviewer 1. I would like the authors to address those questions in addition to improving the writing quality of the paper.

Response: We restructure the manuscript, by stating clearly the main interest of this manuscript, adding more explanation of the methods. Please see our response to RC1.

We have the manuscript English edited.