

## ***Interactive comment on “The river absorption capacity determination as a tool to evaluate state of surface water” by Paweł Wilk et al.***

**Anonymous Referee #1**

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This paper proposes the concept of absorption capacity, assess the TN and TP absorption capacity of the catchment of the Warta, using the DNS/SWAT method. There are still some parts need to modify and be perfected: (1) Innovation is relatively weak because of the only consider of LL (limit good water status). The difference between critical load and limit good water status (as the uncertainty of absorption capacity) is suggested to add to the discussion part. (2) At line 102 in Introduction, it is need to explain the limitation and shortage of general equations, and elaborate the improvement of this paper. (3) The data used in this paper is relatively old, mostly more than ten years ago.

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