Comment on bg-2022-131
Anonymous Referee #2

Based on the EC observation data from 2016 to 2020, this paper analyzes the impact of weather conditions on the net ecosystem productivity (NEP) of Beihai Wetland. The purpose is to study the influence of weather conditions on NEP, LUE and WUE, as well as the control of scattered radiation and other environmental factors on NEP under different weather conditions.

It is found that the influence of weather conditions on NEP is different on different time scales. On the half-hour scale, the daytime response of NEP to PAR is stronger under cloudy conditions than under sunny conditions. In addition, results show that the daily LUE and WUE change with the cloud, and both LUE and WUE reach the maximum under cloudy conditions.

Using EC observations, this paper analyzes the impact of weather conditions on the net ecosystem productivity of the North Sea wetlands. The authors ultimately want to study the effect of weather conditions on NEP, LUE, and WUE, as well as the control of scattered radiation and other environmental factors on NEP under different weather conditions. Overall, the author can control the full paper, with clever ideas, clear, smooth writing, and attractive titles. It is a rare observational research paper. I suggest publishing after minor revisions.

There is a small suggestion, you can seriously think about it. In Section 4.2, the impact of scattered radiation on NEP will also be controlled by the vegetation characteristics of the region, are not introduced and analyzed in detail in this paper. I hope you can add some more in detailed expression.