Review of: "On-farm Implementation of Midseason Drainage to Decrease Greenhouse Gas Emissions and Grain Arsenic Concentration in Rice Systems"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

i) In materials and methods (MM) section, pls prepare a graph on weather data (rainfall, temp) throughout the rice-growing season for better interpretation of drying condition. You would write few sentences in MM section on the growth duration, average yield and other special character (if) of rice variety that you used in this study. Pls write details of fertilizer application in MM section.

ii) I think it would be better if you did interaction analysis between water management and year/site for better understanding.

iii) You mentioned yields were highest in 2017 and in 2020 (average=12.4 and 12.3 Mg ha-1, respectively) and lowest in 2019. In addition, pls describe the scientific reason the lowest yield in 2019.

iv) In Figure 2, there is small peaks of N2O emissions after drainage, but it is well accepted after drainage large emissions peaks of N2O would be expected. Pls explain.

v) I have some comments in the text, pls consider those.