



EGUsphere, referee comment RC1  
<https://doi.org/10.5194/egusphere-2022-525-RC1>, 2022  
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## **Comment on egusphere-2022-525**

Anonymous Referee #1

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Referee comment on "Air-sea gas exchange in a seagrass ecosystem — results from a 3He/SF6 tracer release experiment" by Ryo Dobashi and David T. Ho, EGU sphere,  
<https://doi.org/10.5194/egusphere-2022-525-RC1>, 2022

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This is a very nice work and it brings us closer to understanding even more about the air-water CO<sub>2</sub> exchange. My only comment/question is, have you consider having longer measurement periods? As I see, there's only a couple of days available. What are the assumptions you are implying in the study if you only calculate transfer velocity for a couple of days? Can it be possible to have a longer period or different sampling periods during the year so you can implement seagrass phenology in the study design? Other than that I believe this is great work, congrats! :)