EGUsphere, community comment CC1
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Comment on egusphere-2022-831

Adrian Constantin

Community comment on "Extension of Ekman (1905) wind-driven transport theory to the β plane" by Nathan Paldor and Lazar Friedland, EGUsphere, https://doi.org/10.5194/egusphere-2022-831-CC1, 2022

On page 1, it should be pointed out that effects beyond the equatorial f-plane approximation were also recently considered in the paper

https://aip.scitation.org/doi/full/10.1063/1.5083088

This enforces actually the importance of the present study, since while the above paper is more general as it

deals with Ekman flows in spherical coordinates, the approach pursued in this preprint takes advantage of the

simpler structure of the beta-plane approximation to obtain more detailed information about the dynamics.