

To assess 0.5 deg. ET product with flux towers is a kind of silly problem. Why creating ET at a finer resolution (0.05) was not possible, by using the ensemble weighting and rescaling technique? Indeed, if there is a way for higher resolution, I suggest to rethink on this. As in next years, fine resolution ET will come out. In addition there are other ET dataset, such as PTJPL, SEBS, GLDAS, ERA-Interim, which should be used to enlarge your ET input source, if you contact the groups. If the author doesn't expand the time coverage or spatial resolution before the paper is published, it is mostly likely not possible for DOLCE ET updated after the publication. As both reviewer and editor have suggested using other global ET, but no real reaction is adopted. Don't agree that there is not enough flux towers for each land cover and biome types. Even the clustering by biome type doesn't improve the weighting, however, it can help you derive a high resolution ET. Answers to comment 7, whether to do spatial interpolate or not does not influence your flux tower evaluation result? Please re-check this. If I am right, here you are selecting the pixel value where the flux tower be located in to match with flux observation. However, you can also use 2-d spatial interpolation to get the point ET value with the geo-location of the tower. Please check if this will influence your weight, mean bias, and SD. Then you can say it's not necessary to calibrate weighting ET at higher spatial resolution with flux observations. Please remember you are not satisfying the reviewer but the potential DOLCE ET users.