

Editor comments for  
Improving the complementary methods to estimate evapotranspiration under  
diverse climatic and physical conditions  
by F.M. Anayah and J.J. Kaluarachchi  
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1. It is interesting to compare the CR methods in the contrasting land and climate conditions. Also, it is an ambition to try to develop a universal CR model which is calibration free. This paper has obtained some useful and promising results.
2. However, the reviewers also raised some important questions. I would like to ask the authors to revise the manuscript according to all the comments, especially the following two major points:
  - 1) Please pay more attention to the 'universal' of the proposed GG18 model. J. Szilagyi (comment #9) mentioned the comparison of different models. Referee #1 (major comment #1) mentioned the physical consideration about the definition of ET<sub>p</sub> or ET<sub>w</sub> and wanted more discussion/explanation on the physical (not pure empirical better) basis of the proposed variations of CR models. For this, I would like the authors to refer to the following papers.

Han S. et al. A nonlinear function approach for the normalized complementary relationship evaporation model. *Hydrol. Process*, 2012. DOI: 10.1002/hyp.8414

Lhomme, J.P. and L. Guilioni, Comments on some articles about the complementary relationship. *Journal of hydrology*, 2006. 323: 1-3.

Lhomme, J.P. and L. Guilioni, On the link between potential evaporation and regional evaporation from a CBL perspective. *Theoretical and Applied Climatology*, 2010. 101(1): 143-147.
  - 2) Please pay attention to the height of the EC instruments, which is an important detail for the representative scale of the ET measurement.