# FRANCIS CHIEW – LIST OF PUBLICATIONS

### PAPERS IN REFEREED JOURNALS

1. Cheng L, Zhang L, Wang YP, Canadell JG, **Chiew FHS**, Beringer J, Li L, Miralles DG, Piao S and Zhang Y (2017) Recent increases in terrestrial carbon uptake at little cost to the water cycle. *Nature Communications*, 8, <http://dx.doi.org/s41467-017-00114-5>.
2. Cheng L, Zhang L. **Chiew FHS**, Canadell JG, Zhao F and Wang YP (2017) Quantifying the impacts of vegetation changes on catchment storage-discharge dynamics using paired catchment data. *Water Resources Research*, 53, <http://dx.doi.org/10.1002/2017WR020600>.
3. Fu G, **Chiew FHS** and Shi X (2017) Generation of multi-site stochastic daily rainfall with four weather generators: a case study of Gloucester catchment in Australia. *Theoretical Applied Climatology*, <http://dx.doi.org/10/1007/s00704-017-2306-3>.
4. Wang Y, Zhang Y, **Chiew FHS**, McVicar TR, Zhang L, Li h and Qin G (2017) Contrasting runoff trends between dry and wet parts of eastern Tibetan Plateau. *Nature Scientific Reports*, 7, 15458, <http://dx.doi.org/10.1038/s41598-017-15678-x>.
5. Yang Y, McVicar TR, Donohue RJ, Zhang Y, Roderick, ML, **Chiew FHS**, Zhang L and Zhang J (2017) Lag in hydrologic recovery following an extreme drought: assessing the roles of climate and catchment characteristics. *Water Resources Research*, 53, <http://dx.doi.org/10.1002/2017WR020683>.
6. Zhang Y, **Chiew FHS**, Pena-Arancibia J, Sun F, Li X and Leuning R (2017) Global variation of transpiration and soil evaporation and the role of their major climate drivers. *Journal of Geophysical Research: Atmospheres*, 122, <http://dx.doi.org/10.1002/2017JD027025>.
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9. Zhang Y, Peña-Arancibia JL, McVicar TR, **Chiew FHS**, Vaze J, Liu C, Lu X, Zheng H, Wang Y, Liu YY, Miralles D and Pan M (2016) Multi-decadal trends in global terrestrial evapotranspiration and its components. *Nature Scientific Reports*, 6, 19124, <http://dx.doi.org/10.1038/srep19124>.
10. Zhang Y, Zheng H, **Chiew FHS**, Pena Arancibia J and Zhou X (2016) Evaluating regional and global hydrological models against streamflow and evapotranspiration measurements. *Journal of Hydrometeorology*, 17, 995–1010, <http://dx.doi.org/10.1175/JHM-D-15-0107-1>.
11. Hatfield-Dodds S, Schandl H, Adams PD, Baynes TM, Brinsmead TS, Bryan BA, **Chiew FHS**, Graham PW, Grundy M, Harwood T, McCallum R, McCrea R, McKellar LE, Newth D, Nolan M, Prosser I and Wonhas A (2015) Australia is ‘free to choose’ economic growth and falling environmental pressures. *Nature*, 527, 49–53, <http://dx.doi.org/10.1038/nature16065>.
12. Teng J, Potter NJ, **Chiew FHS**, Zhang L, Vaze J and Evans JP (2015) How does bias correction of regional climate model precipitation affect modelled runoff? *Hydrology and Earth System Sciences*, 19, 711–728, <http://dx.doi.org/10.5194/hess-19-711-2015>.
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