



Fire Masterclass

*Challenge of predicting fire in response to
climate change*

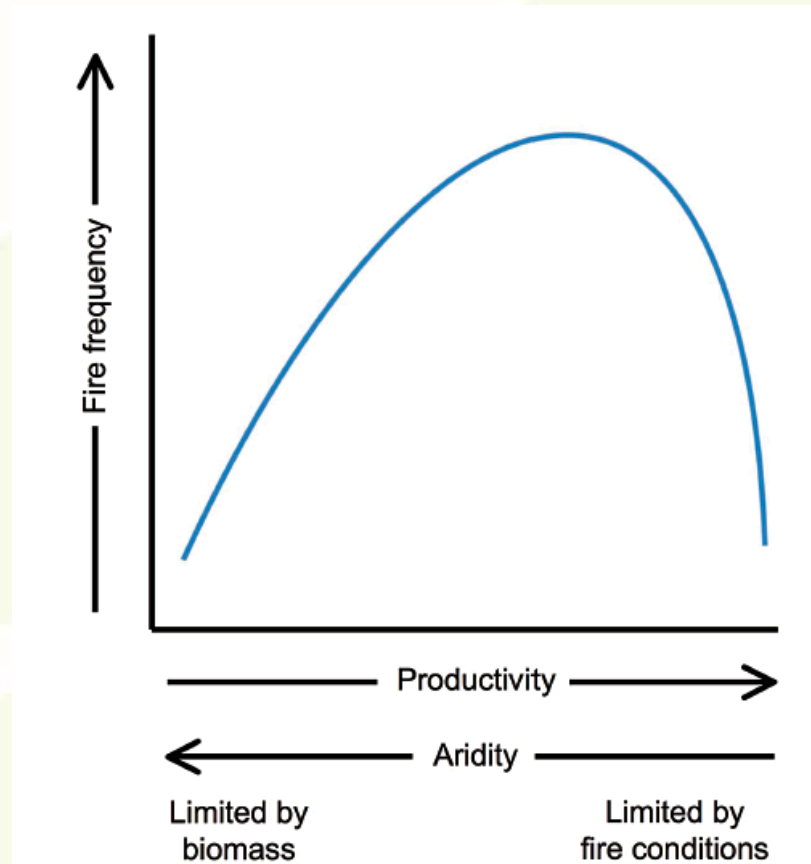
David Bowman

Environmental Change Biology Lab

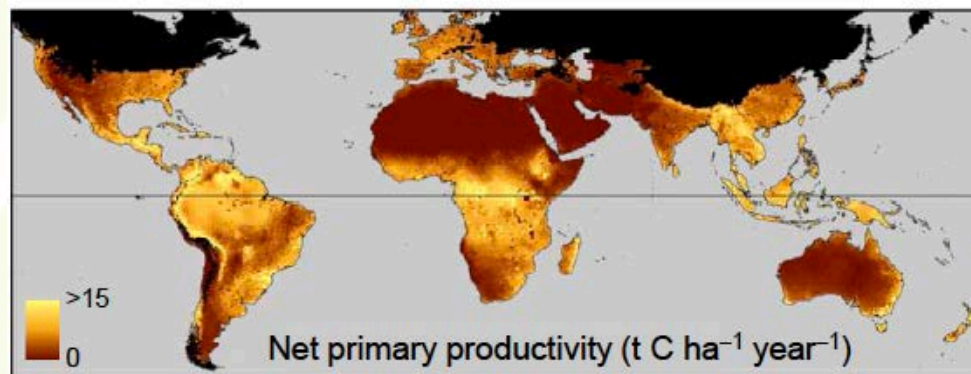
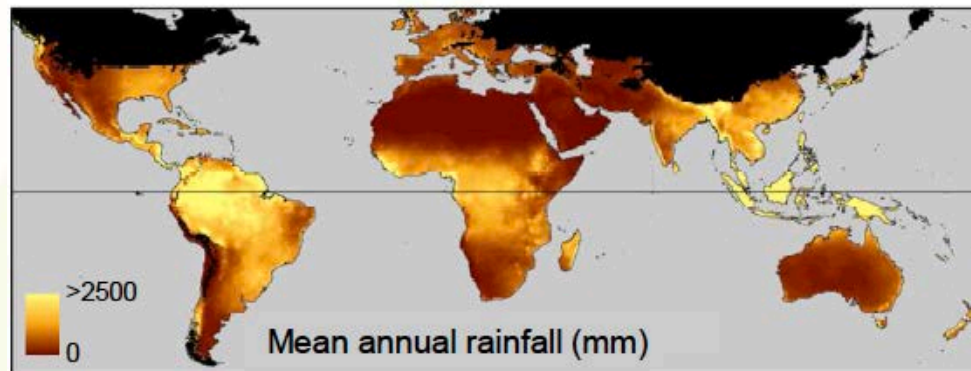
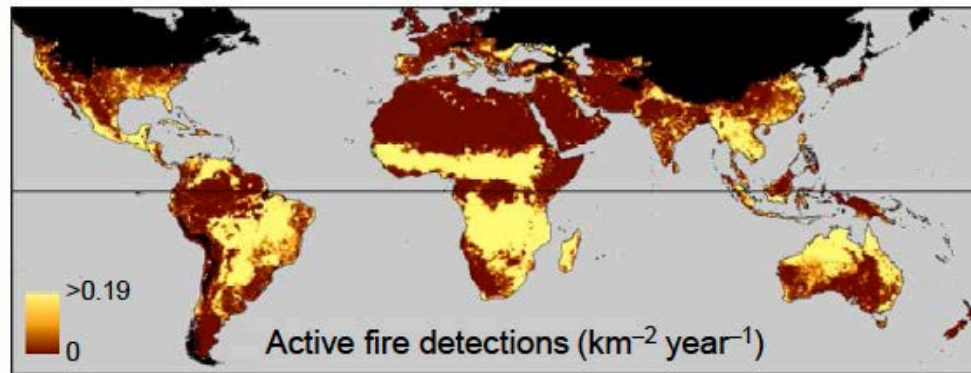
UTAS

Feedbacks confound prediction of the future fire regimes

'Intermediate fire-productivity' hypothesis

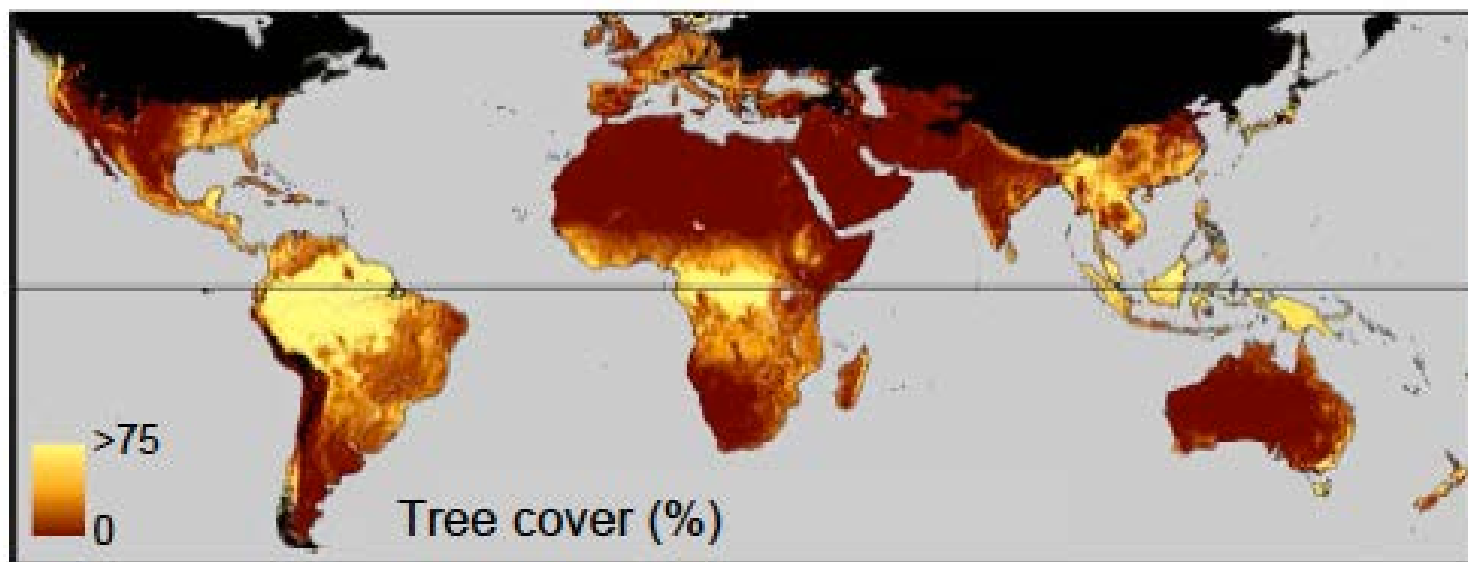


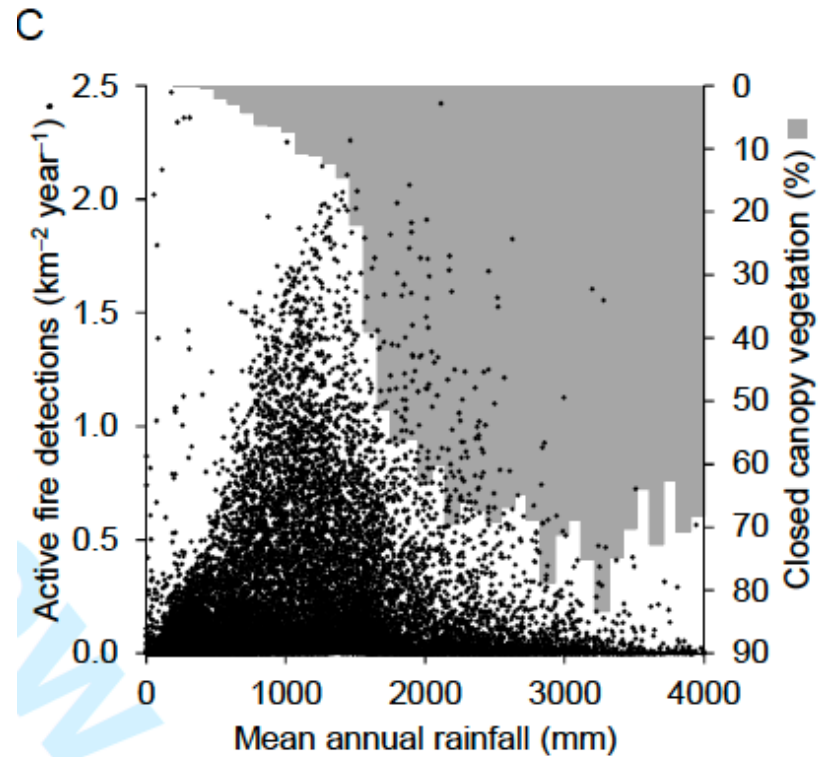
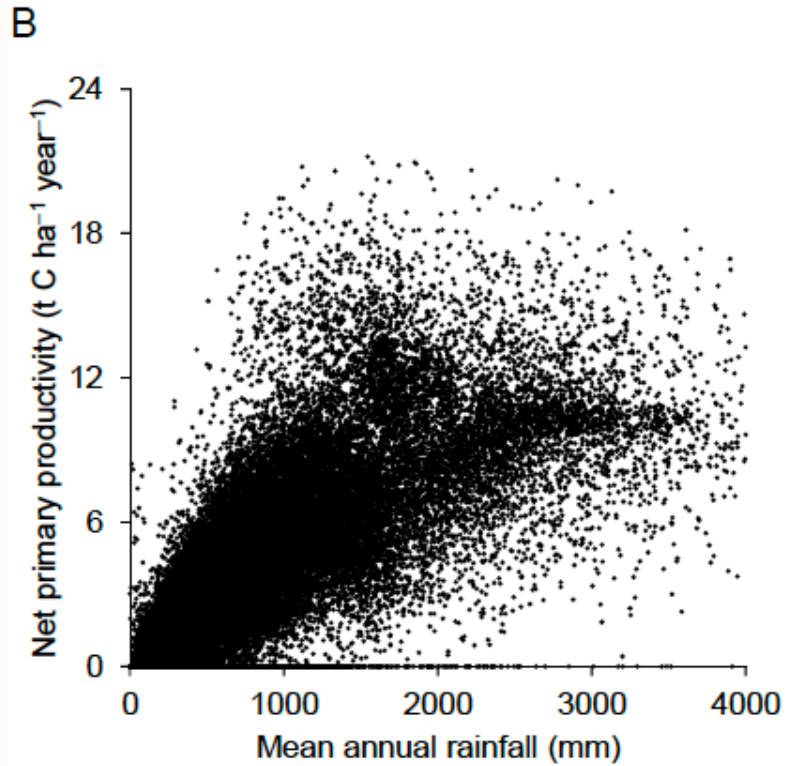
Murphy, B.P., Williamson, G. J. and Bowman, D. M. J. S. (2011) Fire regimes: Moving from a fuzzy concept to geographic entity. *New Phytologist*, 192: 316-318.



Predicting future fire regimes: A simple matter of plugging in projected estimates of NPP?

The catch - *tree cover*





The need for 'Dynamic Pyrogeography Models' (DPMs)

