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Supplementary material

River metabolism and carbon dynamics in response to flooding in a lowland river

Robert A. Cook[A,B,D] *Ben Gawne*[A,B], *Rochelle Petrie*[A,B], *Darren S. Baldwin*[A,C], *Gavin N. Rees*[A,C], *Daryl L. Nielsen*[A,C] *and Nathan S. P. Ning*[A,B]

[A]Murray–Darling Freshwater Research Centre Wodonga, University Drive, Vic 3690, Australia.

[B]La Trobe University, University Drive, Wodonga, Vic 3690, Australia.

[C]CSIRO Land and Water Flagship, University Drive, Wodonga, Vic 3690 Australia.

[D]Corresponding author. Email: r.a.cook@latrobe.edu.au

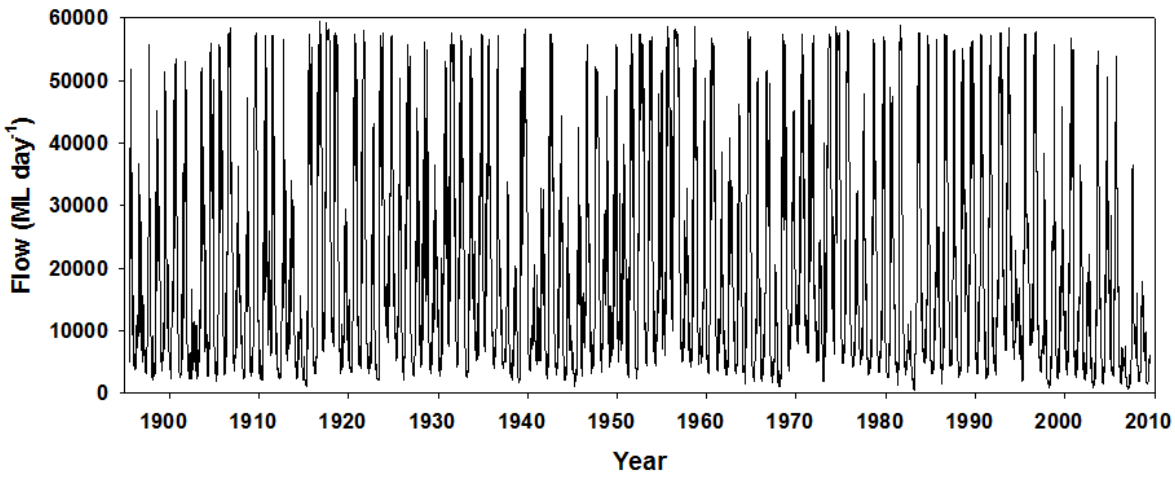

Fig. S1. MSM-BIGMOD (Ravalico *et al*. 2007) modelled flow data at Torrumbarry on the Murray River from 1885 to 2009 assuming no river regulation. Overbank flooding into Koondrook-Perricoota Forest commences at ~18 000 MLday^{-1} and moderate flooding occurs at ~30 000 ML day^{-1}.

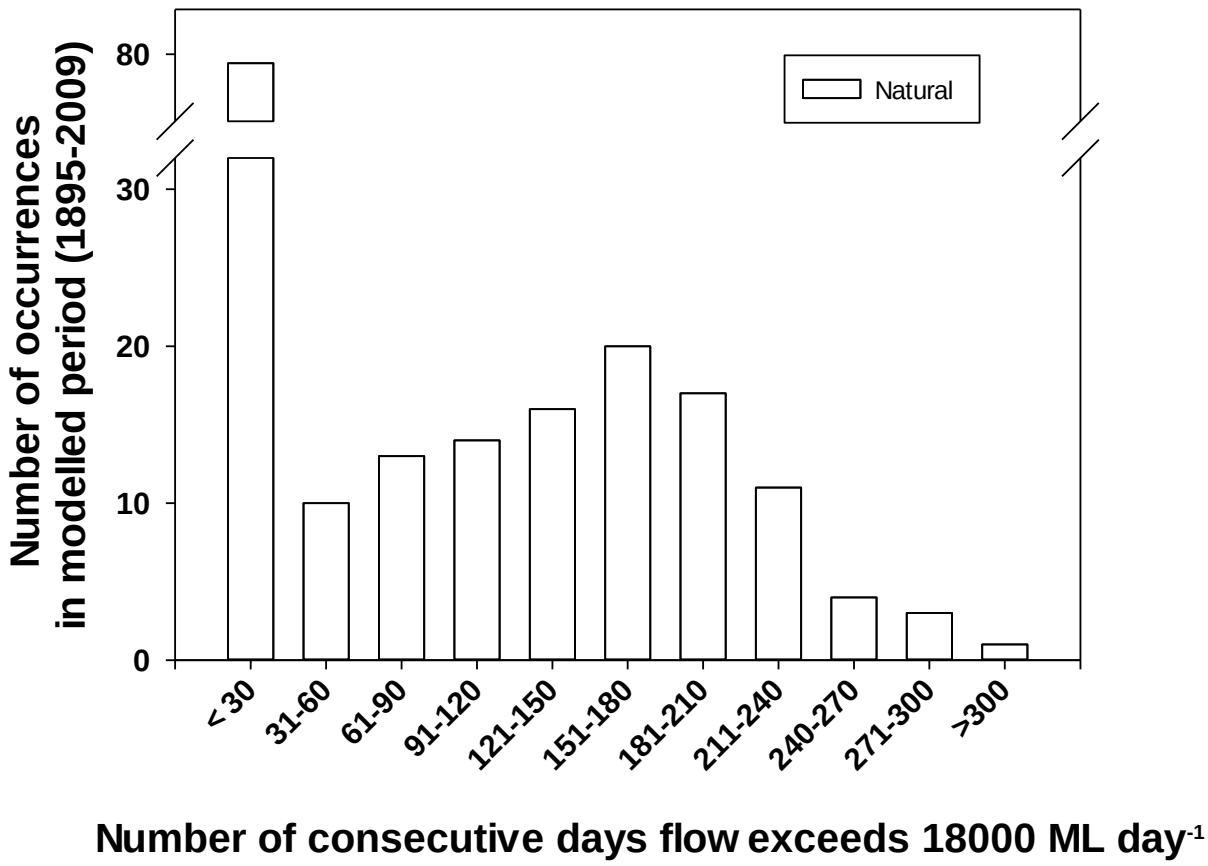

Fig. S2. Histogram showing the frequency of overbank flows of a given duration at Torrumbarry for the period 1885–2009 assuming no river regulation (based on the modelling presented in Fig. S1).

Reference

Ravalico, J., Dandy, G., Maier, H. (2007). MORE sensitivity analysis of the MSM-BIGMOD River Murray Flow and Salinity Model. In 'MODSIM 2007 International Congress on Modelling and Simulation', December 2007, Christchurch, New Zealand. (Eds L. Oxley and D. Kulasiri.) pp. 2754–2760. (Modelling and Simulation Society of Australia and New Zealand: Adelaide, SA, Australia.) Available at http://www.mssanz.org.au/MODSIM07/papers/49_s11/MORESensitivitys11_Ravalico_.pdf [Verified 19 December 2014].