



Supplement of

Hydrologically transported dissolved organic carbon influences soil respiration in a tropical rainforest

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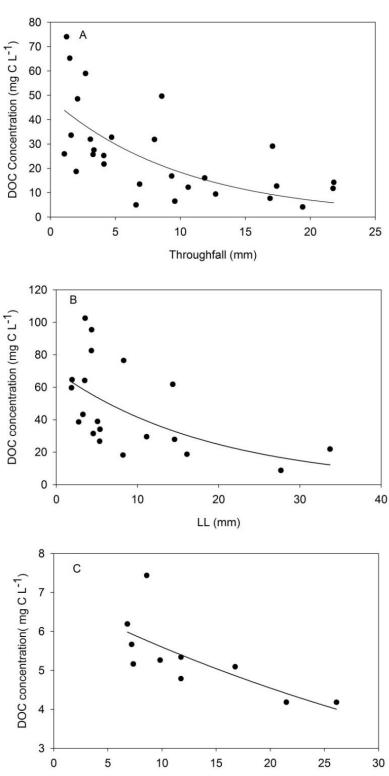
- 20 Supplementary figuer captions:
- 21 Figure S1 Correlations between water and DOC concentration in the tropical rainforest at
- 22 Xishuangbanna, southwest China
- 23 A is the correlation between daily throughfall flux and DOC concentration
- 24 B is the correlation between daily litterleachate flux and DOC concentration
- 25 C is the correlation between daily soil water (0-20cm) flux and DOC concentration

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- 27 Figure S2 Correlation between soil temperature and soil water content of CO₂ from eddy flux tower
- explained during soil respiration observation plot from Feb. 2008 to Jan. 2009 (a), soil respiration and
- temperature at 5 cm depth (b), and soil water content at 10 cm depth (c) in the tropical rainforest at
- 30 Xishuangbanna, southwest China
- 31
- 32 Figure S3 Rainfall (A), throughfall (B), litter leachate (C), and surface soil (0-20 cm) water (D)
- 33 dynamics in the tropical seasonal rainforest at Xishuangbanna, southwest China.

34 Fig.S1

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Soil water (0-20cm) (mm)

36 Fig.S2.

