- Supplementary materials for Hydrologically transported dissolved organic carbon influences soil respiration in a tropical rainforest

4	Author: WJ. Zhou ^{1,2,3} , HZ. Lu ^{1,2,3} , YP. Zhang ^{1,2*} , LQ. Sha ^{1,2*} , D. Schaefer ^{1,2} ,
5	QH. Song ^{1,2,3} , Y. Deng ^{1,2} , XB. Deng ^{1,2}
6	Affiliation:
7	1. Key Laboratory of Tropical Forest Ecology, Xishuangbanna Tropical
8	Botanical Garden, Chinese Academy of Sciences, Mengla, Yunnan 666303, China
9	2. Xishuangbanna Station for Tropical Rain Forest Ecosystem Studies, Chinese
10	Ecosystem Research Net, Mengla, Yunnan 666303, China
11	3. Graduate University of the Chinese Academy of Sciences, Beijing 100039,
12	China
13	Corresponding author:
14	YP. Zhang, Tel: +86-871-65160904, Fax: +86-871-65160916, E-mail:
15	yipingzh@xtbg.ac.cn
16	LQ.Sha, Tel: +86-871-65160904, Fax: +86-871-65160916, E-mail:
17	shalq@xtbg.ac.cn
18	
19	

- 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
- 26 Figure S2 Correlation between soil respiration and temperature at 5 cm depth in the tropical rainforest
- 27 at Xishuangbanna, southwest China
- 28 Figure S3 Rainfall (A), throughfall (B), litter leachate (C), and surface soil (0-20 cm) water (D)
- 29 dynamics in the tropical seasonal rainforest at Xishuangbanna, southwest China.

30 Fig.S1







