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Supplement of

Compound flood impact of water level and rainfall during tropical cyclone periods in a coastal city: the case of Shanghai

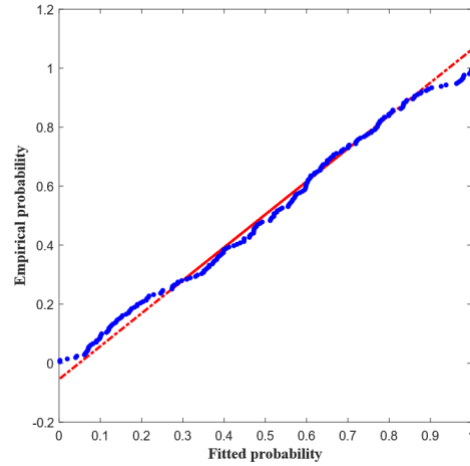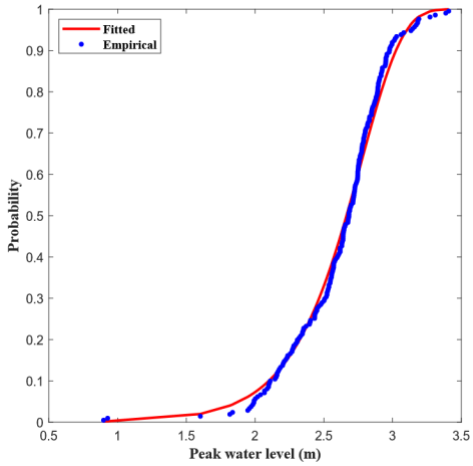**Hanqing Xu et al.**

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Table S1. Basic statistic characteristics of peak water level and rainfall.

		Kendall		Spearman	
	Accumulated days	Corr	p_{value}	Corr	p_{value}
Peak water level - rainfall	3-days	0.16	0.0004	0.25	0.0003
	2-days	0.18	0.001	0.28	0.0001
	1-days	0.15	0.0008	0.23	0.0006

5   Figure S1: The GEV marginal distribution of peak water level.
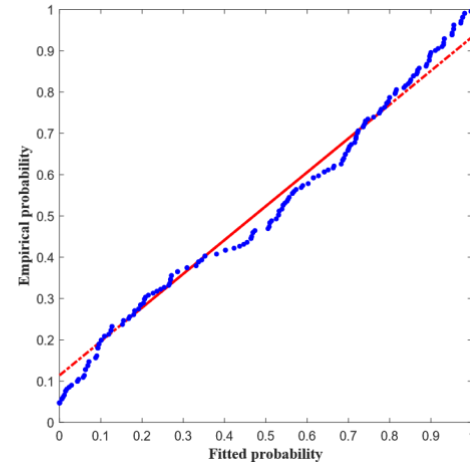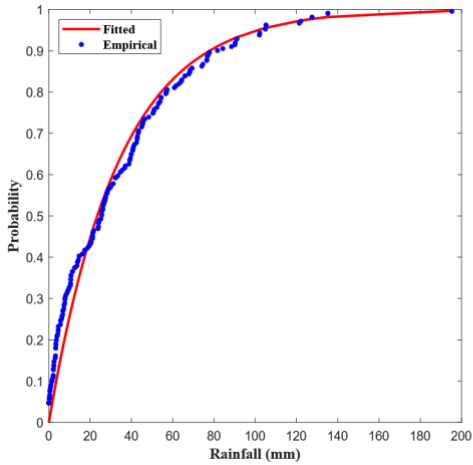
Figure S2: The exponential marginal distribution of rainfall with 2-days window.

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