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## Supplement of

Diurnal variation in an amplified canopy urban heat island during heat wave periods in the megacity of Beijing: roles of mountain-valley breeze and urban morphology

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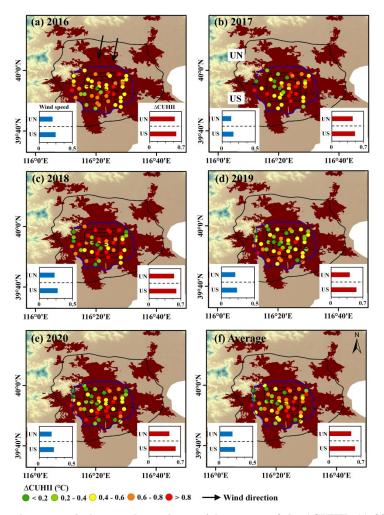


Figure: S1 During the mountain breeze phase, the spatial patterns of the  $\Delta$ CUHII. (a) 2016, (b) 2017, (c) 2018, (d) 2019, (e) 2020, (f) average value from 2016 to 2020. Different colored dots represent different ranks of the  $\Delta$ CUHII.

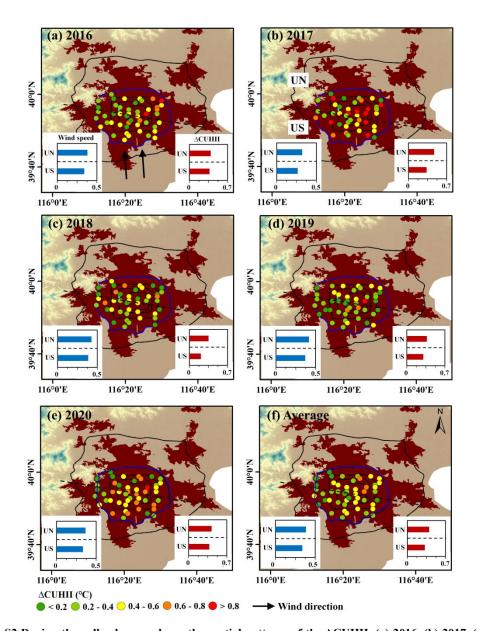


Figure: S2 During the valley breeze phase, the spatial patterns of the  $\Delta$ CUHII. (a) 2016, (b) 2017, (c) 2018, (d) 2019, (e) 2020, (f) average value from 2016 to 2020. Different colored dots represent different ranks of the  $\Delta$ CUHII.