Supporting Information for

GloUCP: A global 1 km spatially continuous urban canopy parameters for the WRF model

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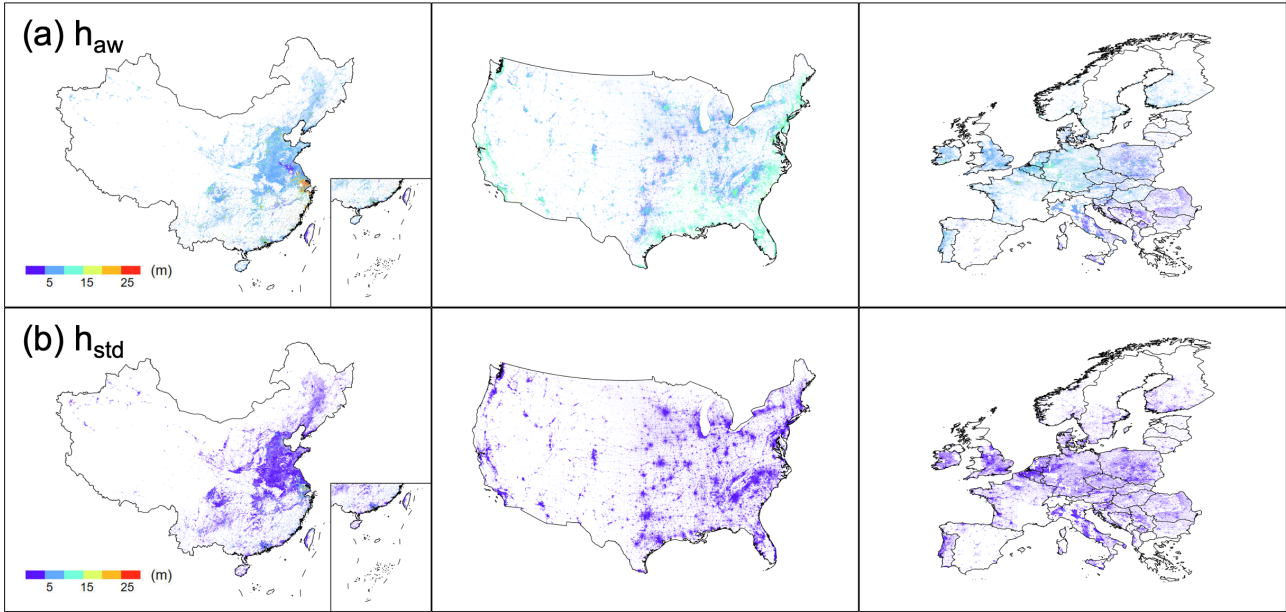
Figure S1. The spatial distribution of (a) area weighted mean building height and (b) standard deviation of building height in China, the contiguous United States, and Europe.
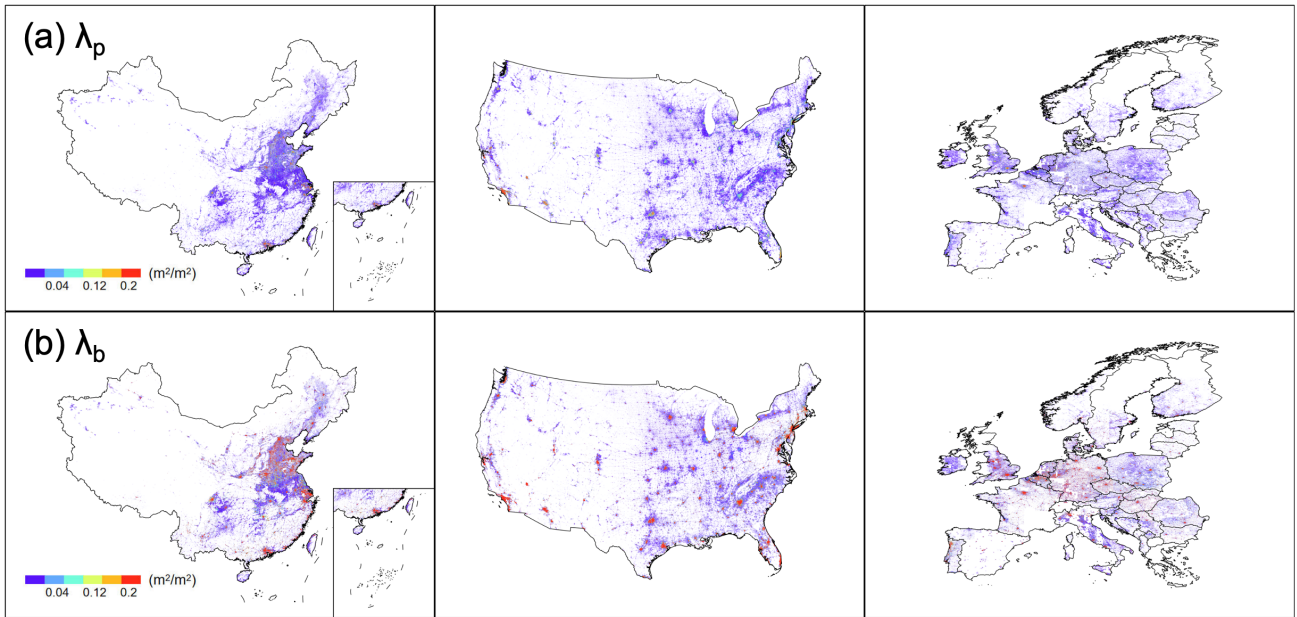
Figure S2. The spatial distribution of (a) plan area fraction and (b) building surface to plan area ratio in China, the contiguous United States, and Europe.
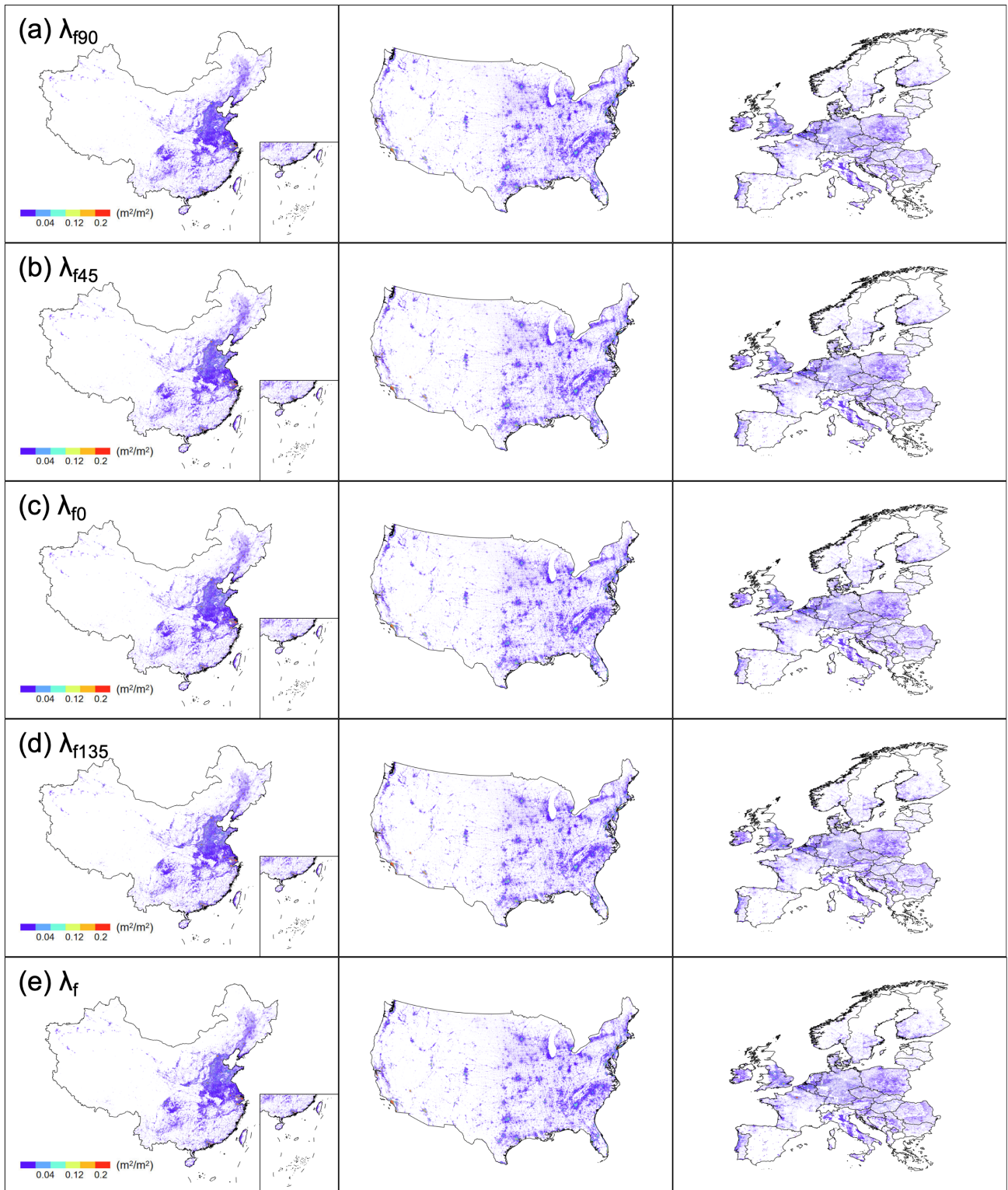
Figure S3. The spatial distribution of frontal area index for (a) northward, (b) northeastward, (c) eastward, (d) southeastward, and (e) the average frontal area index in China, the contiguous United States, and Europe.
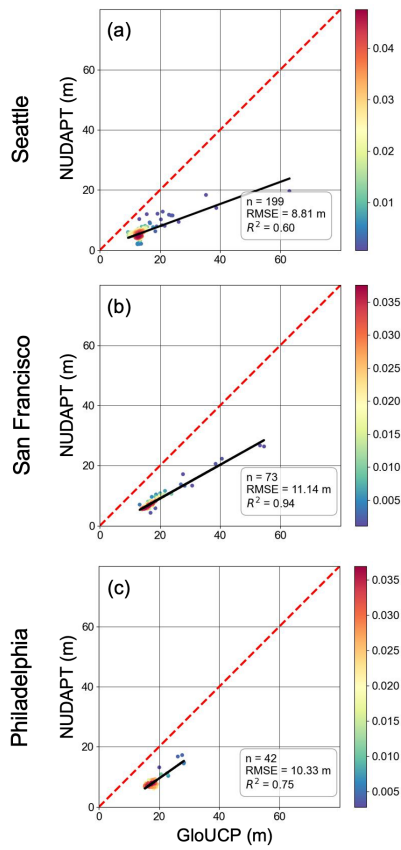
Figure S4. Pixel-scale comparison of mean building heights between GloUCP and NUDAPT across three representative cities in the United States. The red dashed line represents the 1:1 line, while the black solid line indicates the fitted regression line.