

Supplementary materials

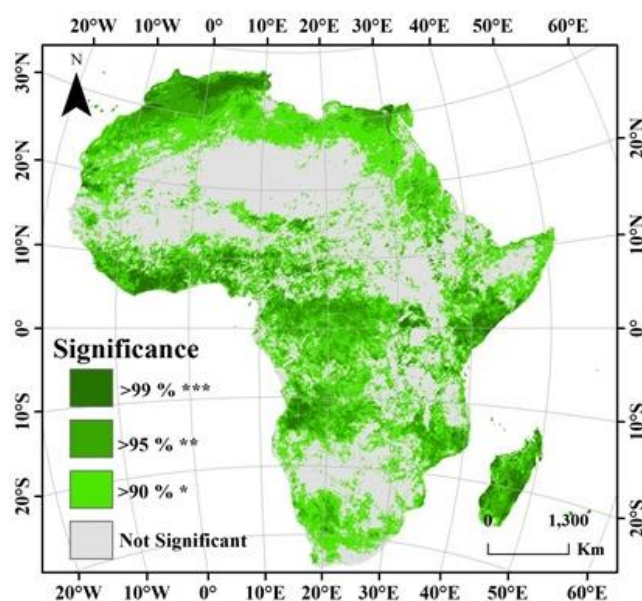


Figure S1. Significance of the spatial distribution of annual LST trends in Africa from 2003 to 2017. The symbols ***, **, and * represent significant warming/cooling trends at the 99%, 95% and 90% confidence levels based on an independent-samples t-test, respectively (same as below).

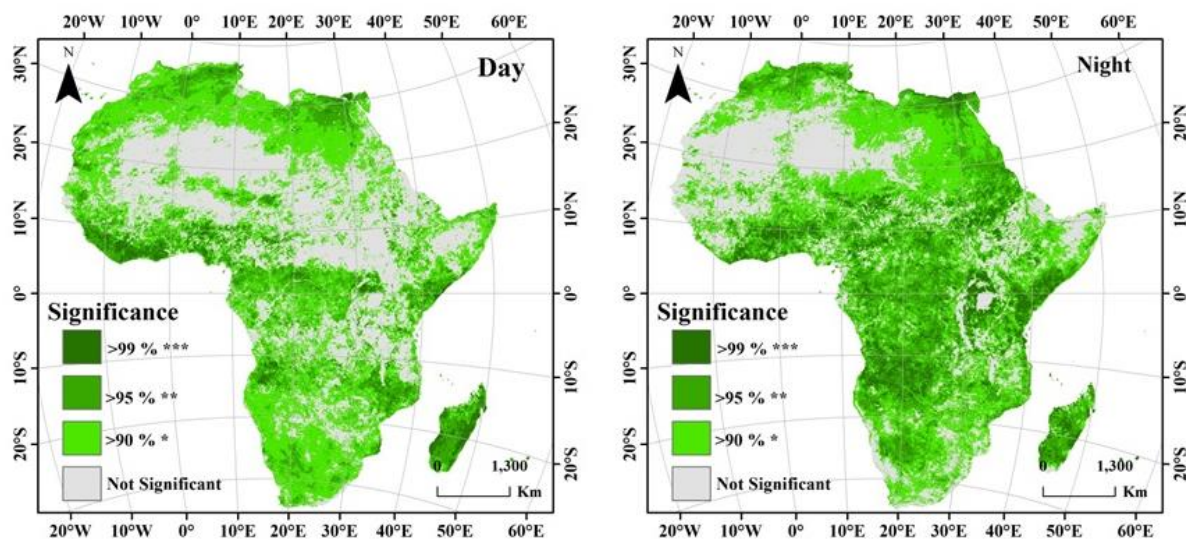


Figure S2. Spatial dynamics of the significant diurnal variations in diurnal LST change from 2003 to 2017.

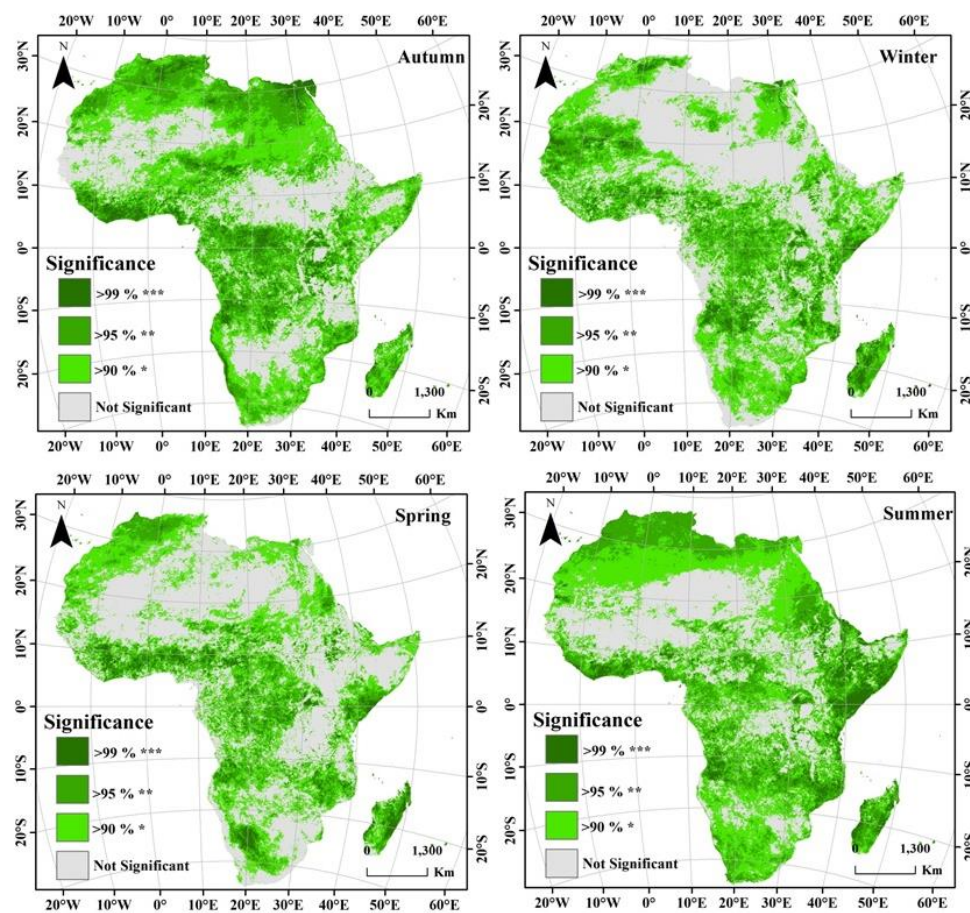


Figure S3. Significance of the spatial distribution of seasonal LST trends from 2003 to 2017.

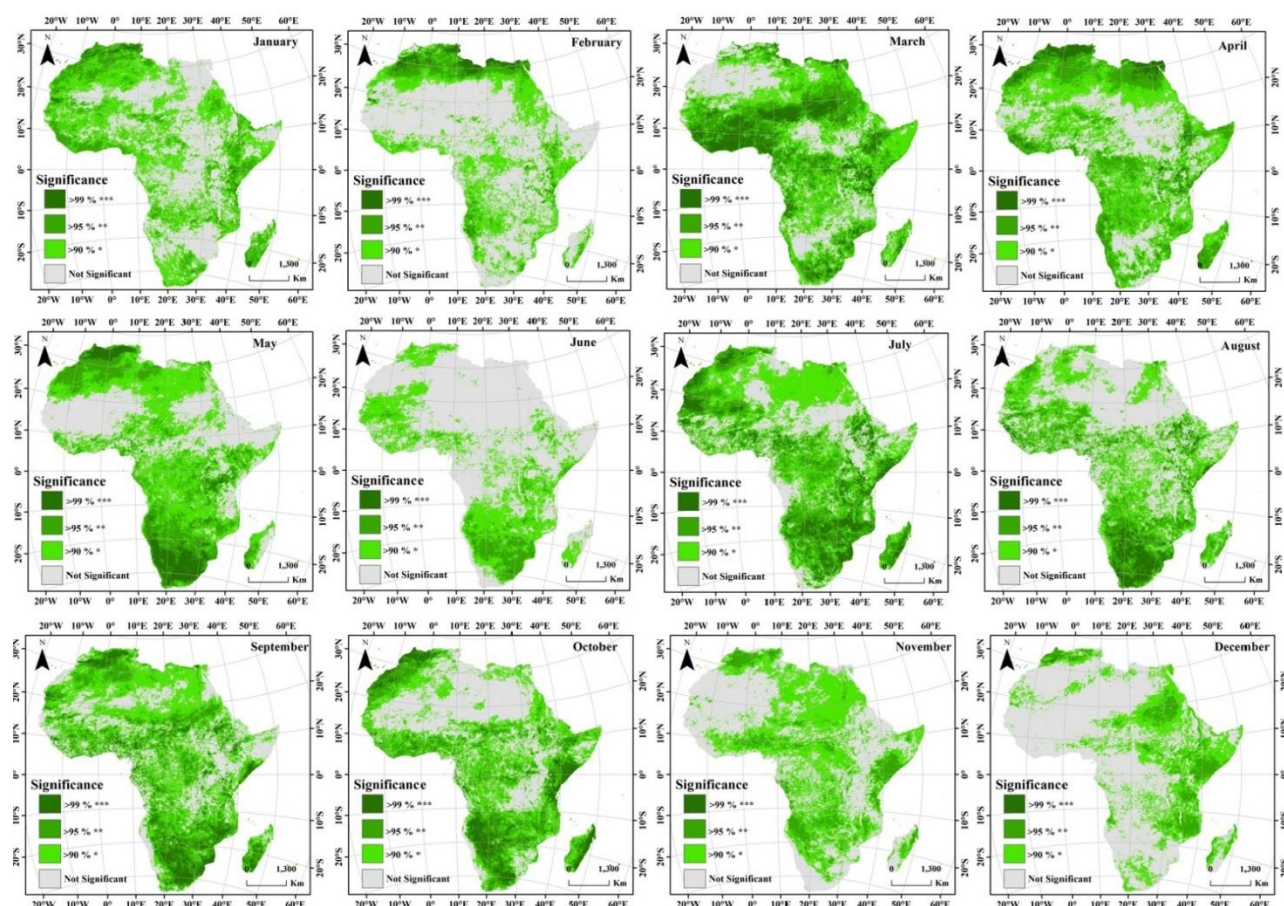


Figure S4. Significance of the spatial distribution of monthly LST trends in Africa from 2003 to 2017.