

Supplementary

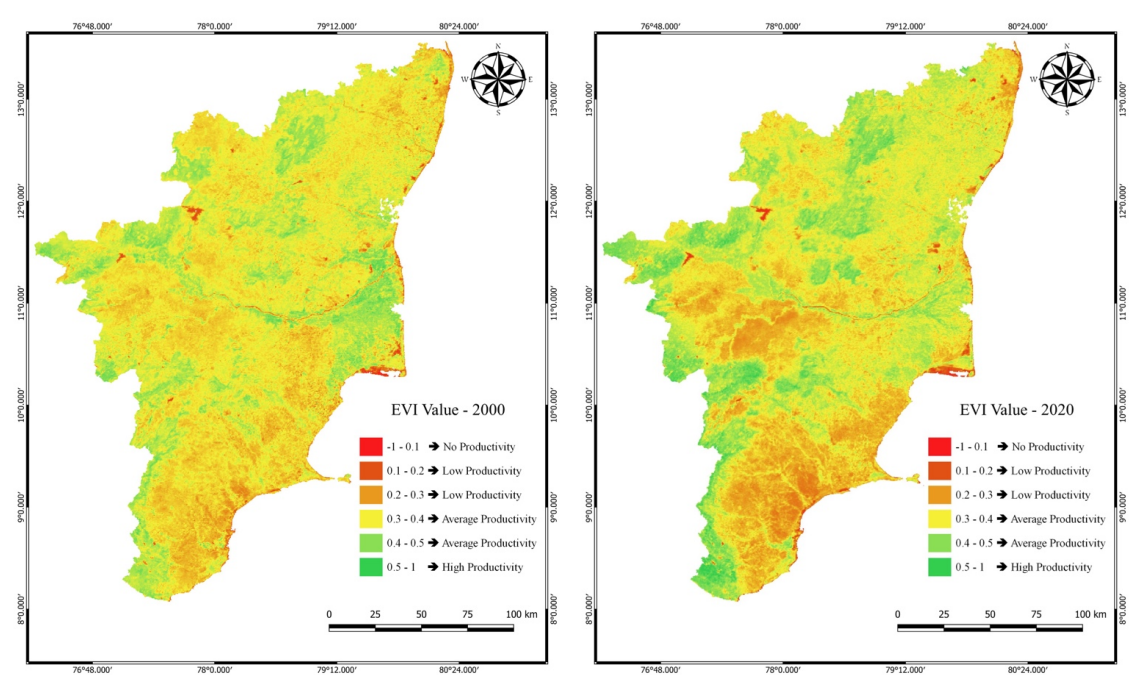


Figure S1. Enhanced vegetation index (EVI) for Tamil Nadu 2000 (Left) and 2020 (Right).

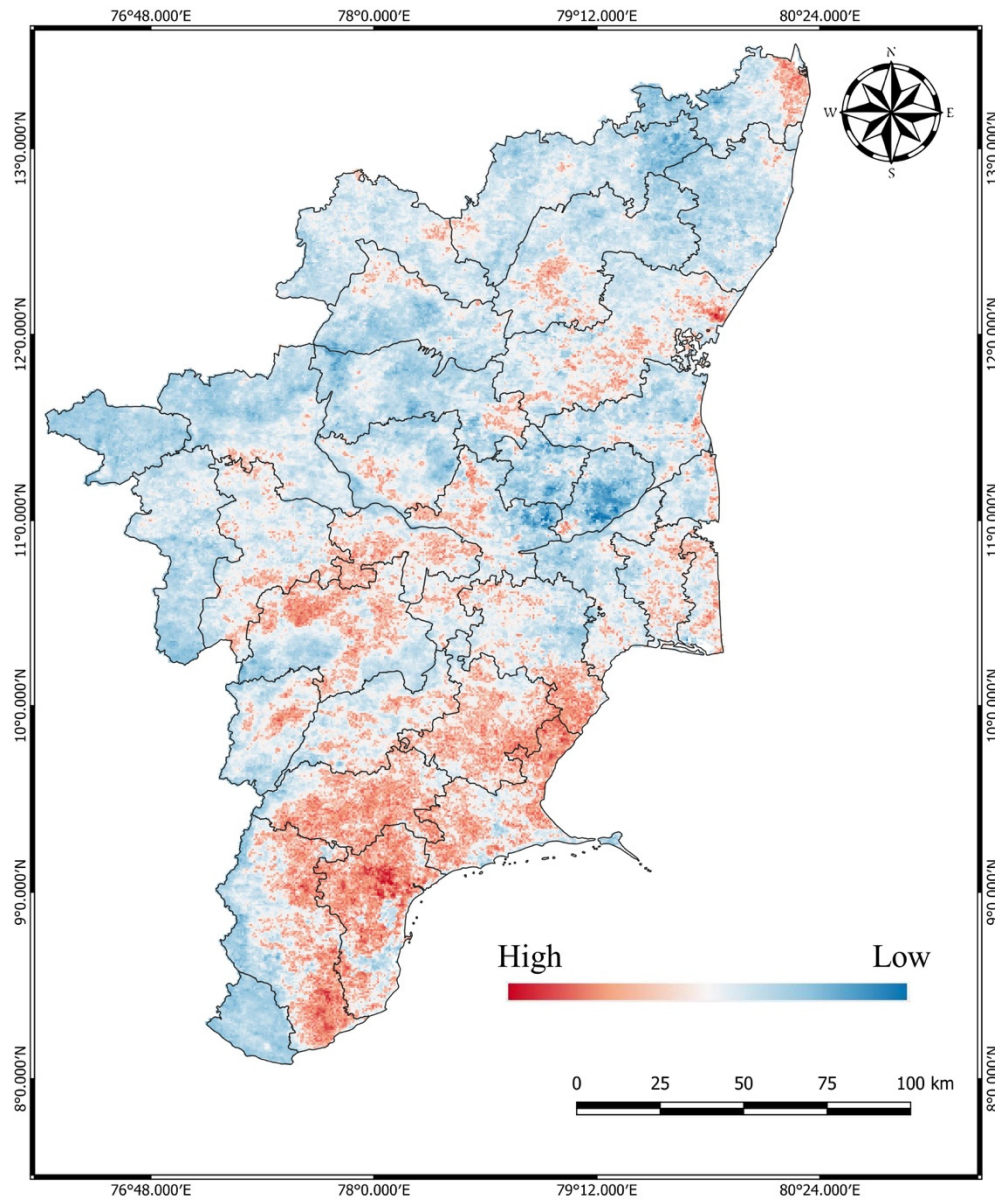


Figure S2. Surface Urban Heat Island for Tamil Nadu 2020.

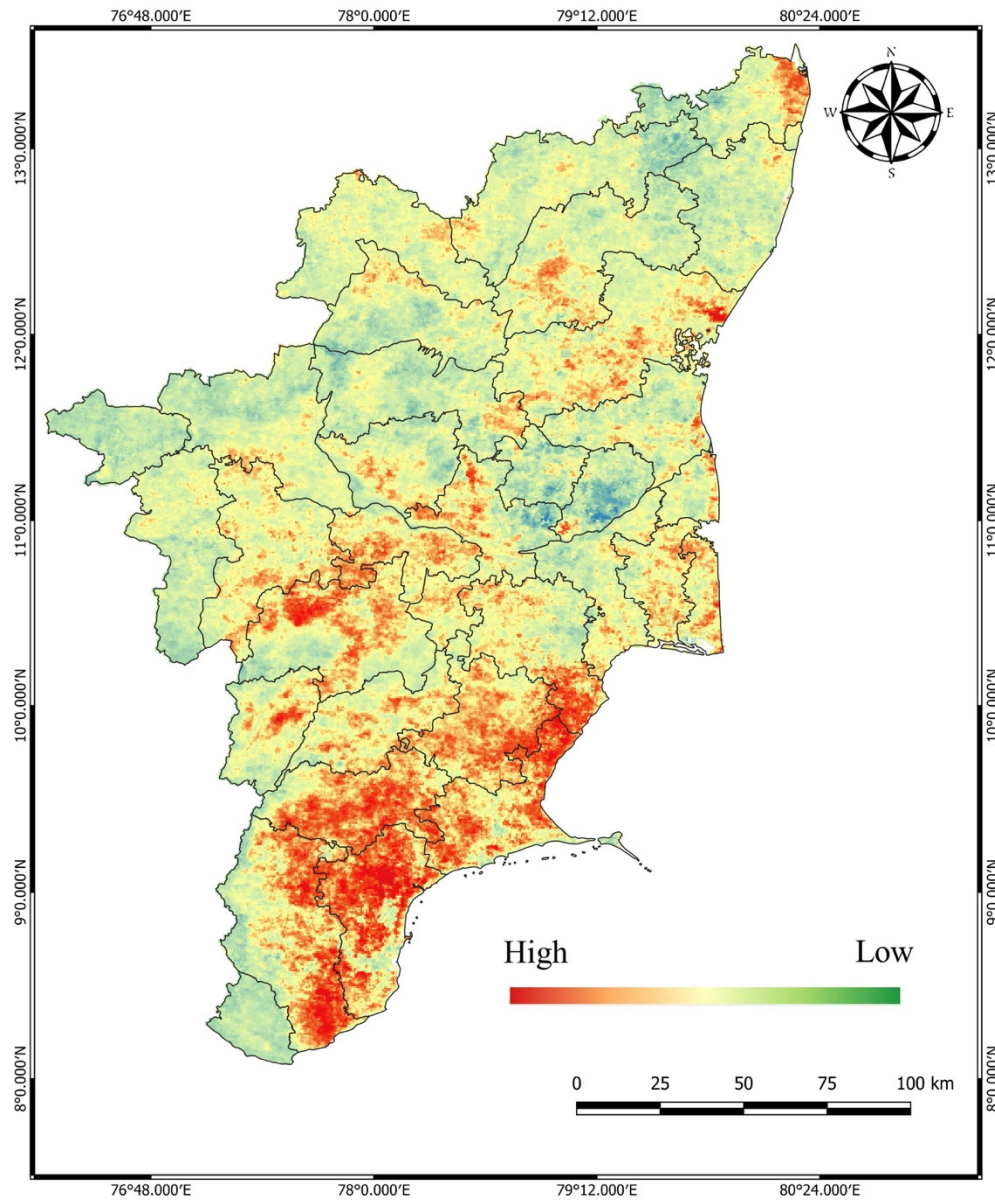


Figure S3. Temperature conditon index for Tamil Nadu 2020.

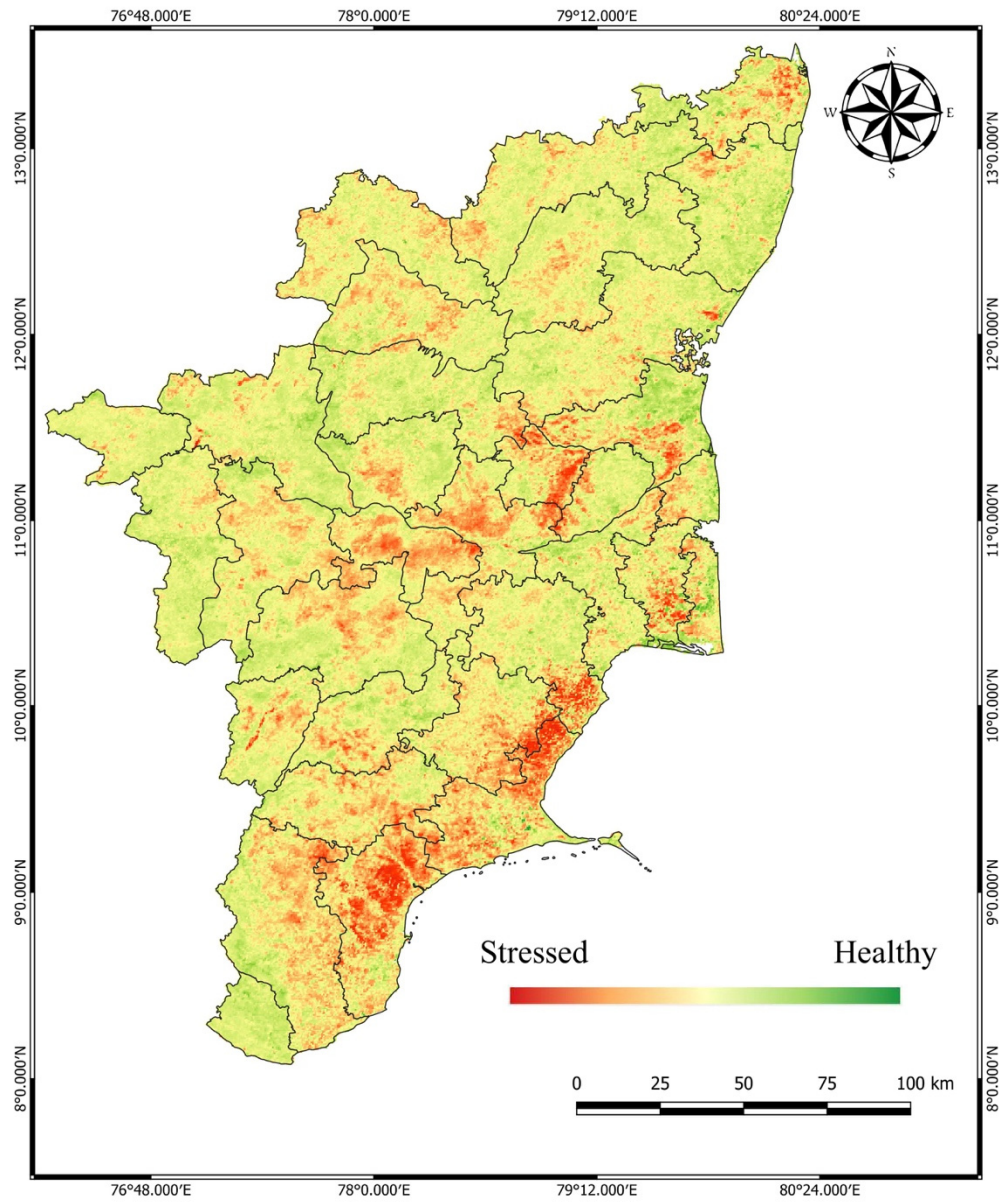


Figure S4. NDVI difference between 2000 and 2020.



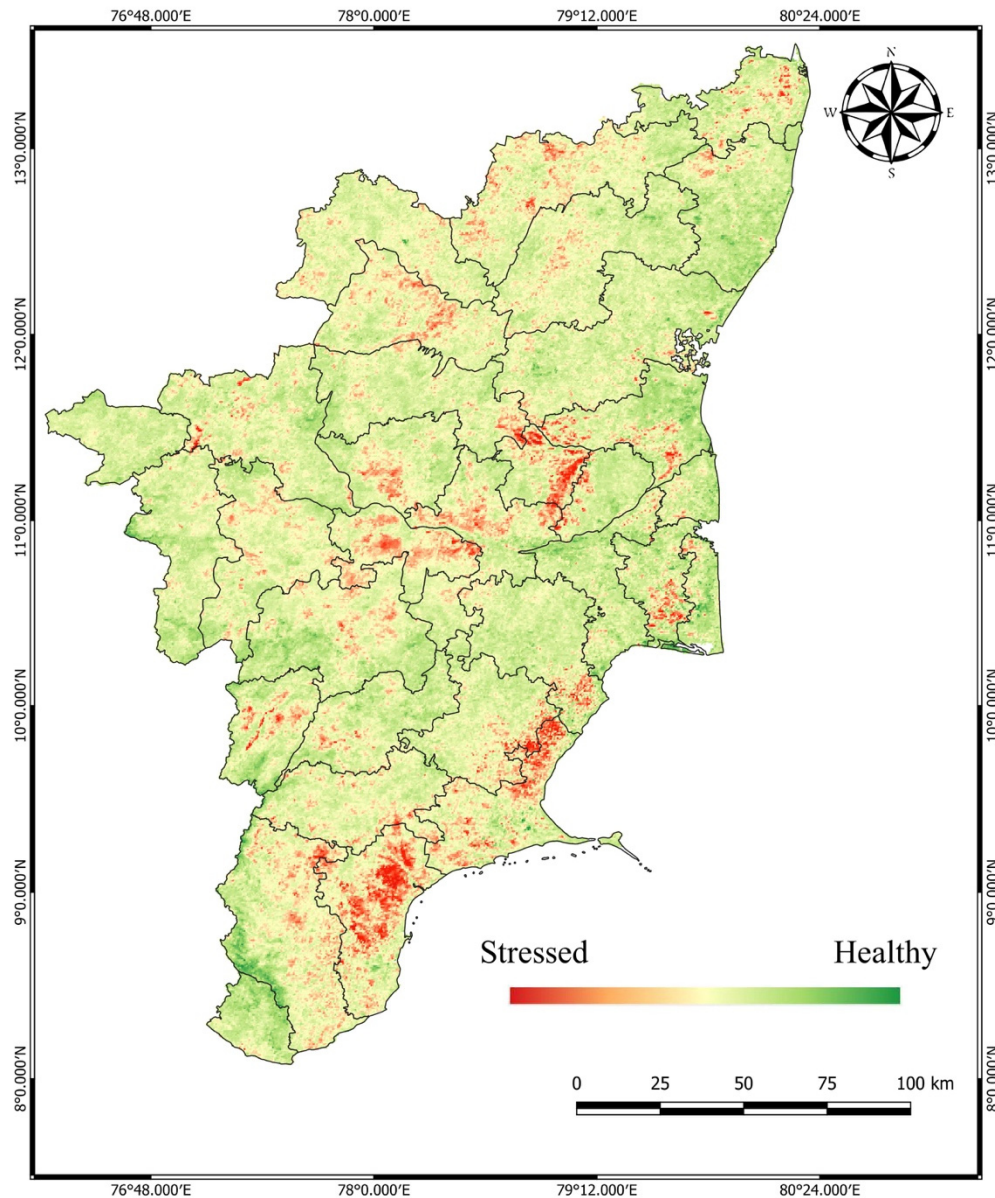


Figure S5. EVI difference between 2000 and 2020.

Google Earth Engine code links

NDVI - <https://code.earthengine.google.com/a19f5d77df73f048dd6e631a4d33bbc5>

EVI - <https://code.earthengine.google.com/b27694de355490b627430c9464e76563>

SAVI - <https://code.earthengine.google.com/17b993ed65b949e66445501050d873c7>

LST - <https://code.earthengine.google.com/10da2984be20af956049638070231740>

LULC - <https://code.earthengine.google.com/68f5935e33a2b872cd66a1cbc66b69a9>

VCI,VHI,TCI - <https://code.earthengine.google.com/139451b5e25e4bdf015d1860d620e70d>

SUHI - <https://code.earthengine.google.com/61fa295fb249d43cc9e95e7115d102b2>