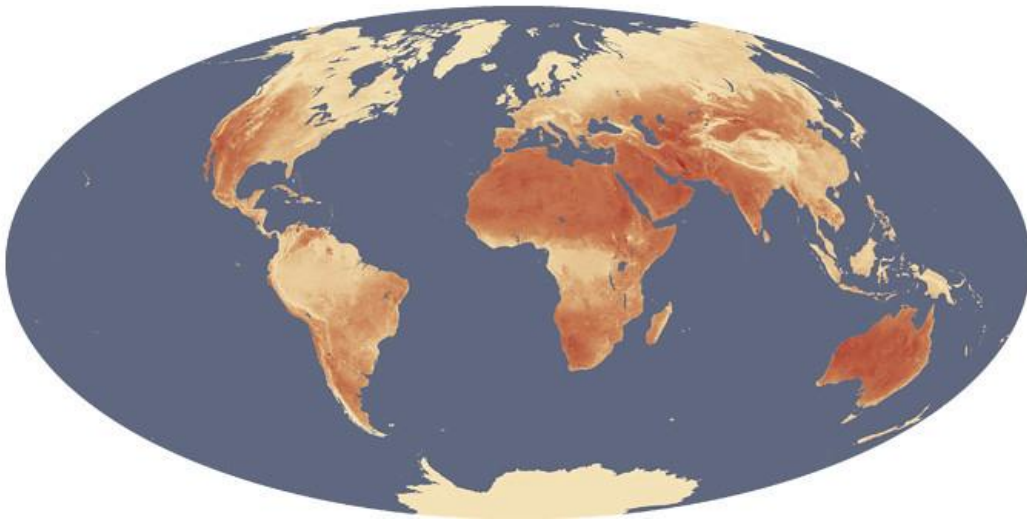


## Aratos CityLST

### Real remote-sensing of surrounding temperature in cities!

“High spatial & temporal resolution land surface temperature data at 100x100 meters, every 15 minutes, at street level”



**CityLST** is the newest informational layer added to Aratos Earth Observation Platform with much value for the society! **CityLST** provides highly accurate and timely street-level (ground-level) land surface temperatures (LST), for any given area around the globe. Public authorities, such as ministries and civil protection services, environmental organizations, agriculture-oriented companies, farmers, researchers, and many more can all benefit from the detailed high spatial resolution of 100x100 meters, with data updating every 15 minutes, making **CityLST** an ideal tool in the hands of any public or private entity that wishing to utilize a modern and cost-effective land surface temperatures monitoring application. Indicative uses of **CityLST**:

- Climate Change: Climate monitoring of detailed temperature changes
- Agriculture: used for monitoring of vegetation water stress
- Research: study for detailed land/atmosphere interactions