

2.5 BILLION

**THE NUMBER OF PEOPLE
GLOBAL URBAN AREAS ARE
EXPECTED TO EXPAND BY
2050**

Environmental monitoring is an important IoT application which involves monitoring the surrounding environment & reporting this data for effective short term measures such as remotely controlling the heating or cooling devices & long term data analyses and measure.

We are capable of sensing and transmitting data such as temperature, pressure, humidity, noise, pollution, object detection and more.

- Monitoring air for quality, carbon dioxide and smog-like gasses, carbon monoxide in confined areas, & indoor ozone levels.
- Monitoring water for quality, pollutants, thermal contaminants, chemical leakages, the presence of lead, & flood water levels.
- Monitoring soil for moisture & vibration levels in order to detect & prevent landslides.
- Monitoring forests & protected land for forest fires.
- Monitoring for natural disasters like earthquake & tsunami warnings.
- Monitoring fisheries for both animal health & poaching.
- Monitoring snowfall levels at ski resorts & in national forests for weather tracking & avalanche prevention.
- Monitoring data centers for air temperature & humidity.

