

Satellite Informatics System for Surface Particulate

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People are most concerned about their local environment. To get their attention about Air Quality (AQ), it is important to have specific AQ information down to their neighborhood. Currently, this is not available in HK, or anywhere else.

Based on satellite remote-sensing data, we have developed algorithms to calculate the surface Particulate Matter (PM) distribution with resolution down to 1 km. The validity of our algorithms has already been proven with air quality monitoring station data from the EPD.