

## LOW COST SENSORS AND CROWD-SOURCED DATA TO MAP AIR POLLUTION IN URBAN AREAS

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## Air pollution measurements





High quality instrumentation on fixed position	Low cost sensors and crowd-sourcing deployment
<ul> <li>-&gt; Established practices and trained personnel</li> <li>-&gt; Limitations of geographic sampling of an area.</li> <li>-&gt; Higher costs</li> <li>-&gt; High quality data</li> </ul>	<ul> <li>-&gt; Volunteer-based</li> <li>-&gt; High density geolocated data</li> <li>-&gt; Lower cost</li> <li>-&gt; Less reliable data</li> <li>-&gt; Data gaps in space and time</li> </ul>











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Near real-time data

