**Environmental monitoring :**

**Environmental monitoring describes the processes and activities that need to take place to characterize and monitor the quality of the environment.**

**Environmental monitoring is used in the preparation of environmental impact assessments, as well as in many circumstances in which human activities carry a risk of harmful effects on the natural environment.**

**In all cases, the results of monitoring will be reviewed, analyzed statistically, and published.**

**The design of a monitoring program must therefore have regard to the final use of the data before monitoring starts.**

**Environmental monitoring includes monitoring of air quality, soils quality, water management etc…**

**FLOWCHAT FOR AIR QUALITY:**



**The use of multi-parameter air quality monitoring systems makes it possible to do a detailed level analysis of major pollutants and their sources.**

**These monitoring systems are important components in many smart city projects for monitoring air quality and for controlling the main pollutant concentrations in urban areas.**

**intervention for maintenance making it inconvenient and often least effective.For shortcoming of the existing models for a ubiquitous usage of wireless systems for smart quality monitoring and communicate data wirelessly.**