

Air quality monitoring

Background:

Air pollution is a serious threat to both health of humans and animals, especially in cities. Approximately 5 million deaths each year are caused by air pollution. An important step in combating air pollution is the knowledge about when and where it rises. Creating a system which is easily deployed and efficiently uses energy is a step in gaining more knowledge.

Description and objective:

- Design a portable system which can monitor key properties of the air.
- System that can upload the data for easy access for researchers and citizens.
- Solar powered (or other renewable energy source) system: investigate how often the measurements can be done.

