



A Layered Framework of Sensors, Models, Land-Use Information and Citizens for Understanding Air Quality in Urban Environments

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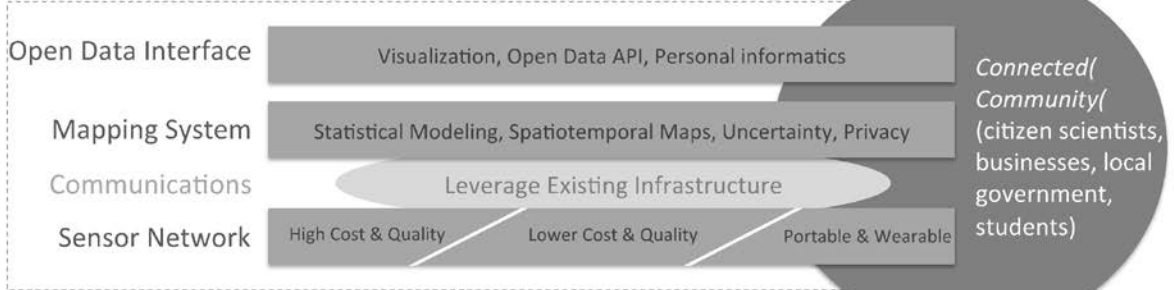
www.AQandU.org

Overview

- Motivation

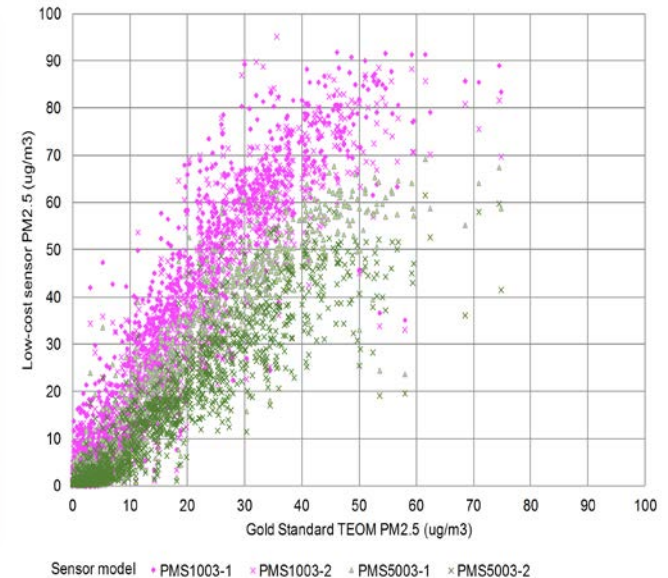
- Utah air quality
- Sensor technology
- Broad health/econ. effects
- Health/epi. studies
- Citizen science

LAIQ FRAMEWORK



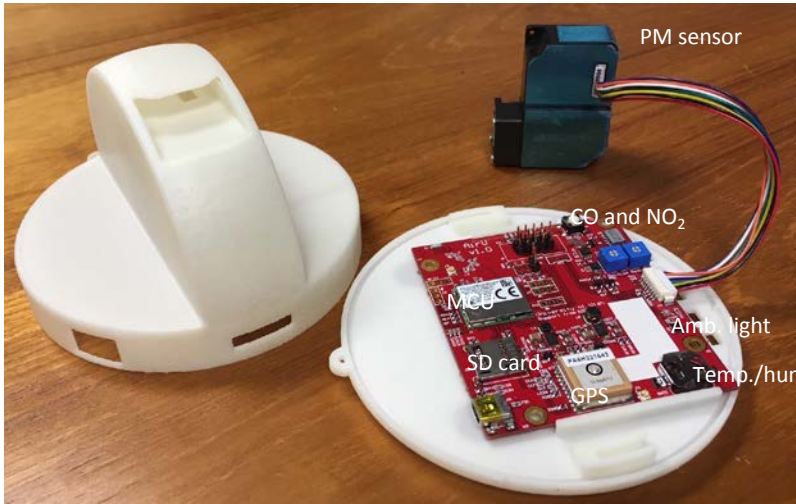
- Challenges

- Sensor quality/quantity
- Deployment and comm. Infrastructure
- Models, estimates, and uncertainty
- Publication communication and outreach



Update

Sensor design/manufacture



Outreach/education



Mapping technology/system

