PM2.5 的時空變化及其來源貢獻

Spatiotemporal Variation of PM$_{2.5}$ and its Source Contribution

Using the real-time high-resolution low-cost sensor (LCS) measurement database collected from selected communities by the Research Center for Environmental Changes (RCEC), Academia Sinica since 2017, the project is to assess the spatiotemporal variation of PM$_{2.5}$ and to quantify its source contribution to human exposure or community air quality.

Preferred background

- Strong knowledge/experience in statistics (especially regression models) is essential
- Good programming skills (especially Python) would be a plus
- Senior or junior college students with good English skills