ECMWF

ESoWC

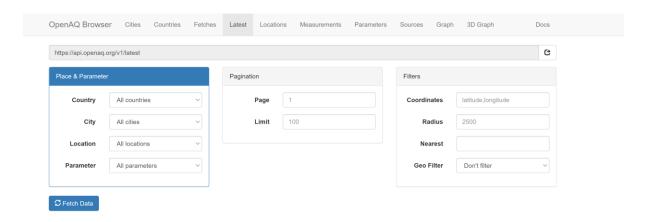# Air Quality Quality Control software

User Manual

Milestone 2 Reliable stations and Visual Analytics

Aim

Search OpenAQ dataset

1. Go to the url in a browser

http://gordonrates.co.uk/Air_Quality/workshop/Apps/F_DATASTORE_A_IMPORT_SubFunct5_Attach_Compt1_AirQuality_Dataset/openaq-browser/src/index2_copy.html#/latest
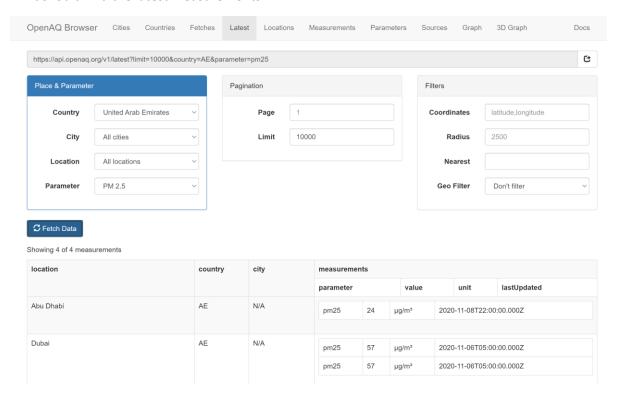

2.

   a. To Choose openAQ stations attributes click on locations and complete the selection boxes that are similar to those used to choose the latest measurements

Or

   b. To choose the latest measurements using this page

3. Next complete the selection boxes on the left side called 'Place & Parameter'

4. It is recommended to choose just one parameter to reduce loading time.

5. i. Choose the limit of amount of measurements in the Pagination selection box

ii. Filters can be applied in the filters box of Latitude and Longitude with a Radius.

iii. When complete these selections click Fetch Data

It should find the latest measurements

It displays the latest measurements for the chosen openAQ stations and parameters

6. Use the openAQ measurements to find a higher bound of measurements.

7. i. Once identified use the chosen higher bound in the Pecos Quality Control evaluation

For the user manual for Pecos Quality control open the Milestone 3 User Manual Choose Search Criteria

ii. It can be a helpful to find the 'increment' amount and lower bound.