

AIR QUALITY MONITORING

Part 6 – Wrap-up

Community Action to Promote Healthy Environments (CAPHE)

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Questions and key points

Hints for using air quality data

Analyses are tailored to the question ...

When is air quality good/bad?

Can sources be identified?

Is air quality getting better/worse?

How does air quality compare between locations?

Keep in mind that

Different pollutants can have different sources

Sources can be nearby (industry, roads), urban, and regional

Meteorology has a huge effect on concentrations

Helpful or essential to examine a long period of data (months or years)

Questions?

Selected air quality monitoring sites

Non-profit

*EDF-AirTracker	https://globalcleanair.org/air-tracker/
NYC	https://nyc-ehs.net/nyccas2020/web/report#Pollutant_Maps
UC-Riverside	https://healthycommunities.ucr.edu/community-air-quality-project
Syracuse Univ	https://centerofexcellence.syracuse.edu/urban-ecosystem-observatory-tower
*OPENAQ	https://openaq.org/
*CAPHE/M-Rapid	https://detroitair.umich.edu/

For profit

IQAIR	https://www.iqair.com/us/air-quality-map - monitors, fires, some meteorology https://www.iqair.com/us/earth - for pretty pictures of meteorology
PurpleAir	https://map.purpleair.com
Clarity	https://openmap.clarity.io
Plume Labs	https://air.plumelabs.com/air-quality-in-Detroit-mi-kWjD
International	https://aqicn.org/city/usa/michigan/military-park

Regulatory monitors

*EPA	https://www.airnow.gov/ - gateway to many sites
*EGLE	https://www.michigan.gov/egle/public/learn/air-quality - including reports

* In the presentation

Post-assessment exercise

Did this workshop increase your knowledge about air pollution?

1 - No/disagree ... 3 - Agree ... 5 - Yes/strongly agree

Did his workshop your knowledge about air quality monitoring?

1 - No/disagree ... 3 - Agree ... 5 - Yes/strongly agree

Did the material increase your knowledge about getting and understanding air quality data?

1 - No/disagree ... 3 - Agree ... 5 - Yes/strongly agree

Was the material understandable? 1 - Too basic 2 - Mostly good/ok 3 - Too advanced

Was the coverage & pace appropriate? 1 - Too fast, too many topics; 2 - Mostly good/ok 3 - Too slow

Was the time well spent? 1 - too much time 2 good/ok 3 - more time needed

Presentation

Hands-on

Discussion / Q&A

What were the most important topics for you?

Please list any topics you would like to see that were missing?

Suggestions to improve the training session

Suggestions to improve the portal