Air Quality - General

AQI Basics - https://www.airnow.gov/aqi/aqi-basics/
Details on the EPA's color-coded index

CDC Air Pollutants - https://www.cdc.gov/air/pollutants.htm / EPA Criteria Air Pollutants - https://www.epa.gov/criteria-air-pollutants
Rundown of the six main air pollutants, plus a lot of other common pollutants

Monitoring Air Quality

AirNow - https://www.airnow.gov/
Check the local air quality and find a wealth of information about related issues. On the main page, you can enter your own zip code to get the most recent data from the national EPA air quality readings, as well as a forecast for the next several days.

Purple Air - www.purpleair.com/map
Purple Air is a popular air quality monitor that people can purchase and then track the monitoring data online. Whether or not you own a Purple Air monitor, you can look at the data on their online map.

Local - SmellPgh - https://smellpgh.org/visualization
You can download this app from CMU and submit "smell reports" when you're experiencing nasty air odors. Reports from the app are rounded up and submitted to ACHD.

Local - Allegheny County Health Department Air Quality - https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Air-Quality.aspx
ACHD regulates air quality locally. On their website, you can get more info about regulations, view their monitoring dashboard, and make direct air quality complaints.

World Air Pollution - https://waqi.info/
Map shows global real-time data from a bunch of different sources - scale is unclear but seems similar to EPA AQI

Pittsburgh Air Quality - History/Current

GASP Pittsburgh - www.gasp-pgh.org
Joining our email list is a great way to get local updates on air quality news and actions - scroll to the bottom of the site to sign up. Find a variety of education resources. The blog provides updates and context to new or ongoing air quality issues. The Air Permits Clearinghouse provides permitting information on the region's major pollution sources. GASP is also currently accepting and publishing essays or creative projects about local air quality from SWPA residents for the Amplify Project.

Breathe Pittsburgh - https://breatheproject.org
Their site is an information clearinghouse - there's a lot to look through. I'd recommend checking out their Breathe Cam, which are 24 live streams of major polluters along with some local views. You can look at different dates and even make videos or gifs of specific time frames. Their Breathe Meter makes it easy to compare Pittsburgh or Birmingham air quality to other cities.

Clean Air Council - **https://cleanair.org/**
They are headquartered in Philly but also active in Pittsburgh.

Allegheny County Health Department Air Quality - **https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Air-Quality.aspx**
ACHD regulates air quality locally. On their website, you can get more info about regulations, view their monitoring dashboard, and make direct air quality complaints.

Climate Change/Environmental Justice

EPA Carbon Footprint Calculator - **https://www3.epa.gov/carbon-footprint-calculator/**

Project Drawdown - **https://drawdown.org/**
List and explanation of science-based solutions to climate change

Chatham/Eden Hall - Climate Change: Social Justice & Sustainability Series Resources -
https://docs.google.com/document/d/1oZnK2JMaU-oCXl4DqDaR4eBqYqlBd63VWW33-2RJYVI/edit

EPA Environmental Justice Areas Map - EJScreen: Environmental Justice Screening and Mapping Tool

Historical Resource - Red-lining Map – "Mapping Inequity"