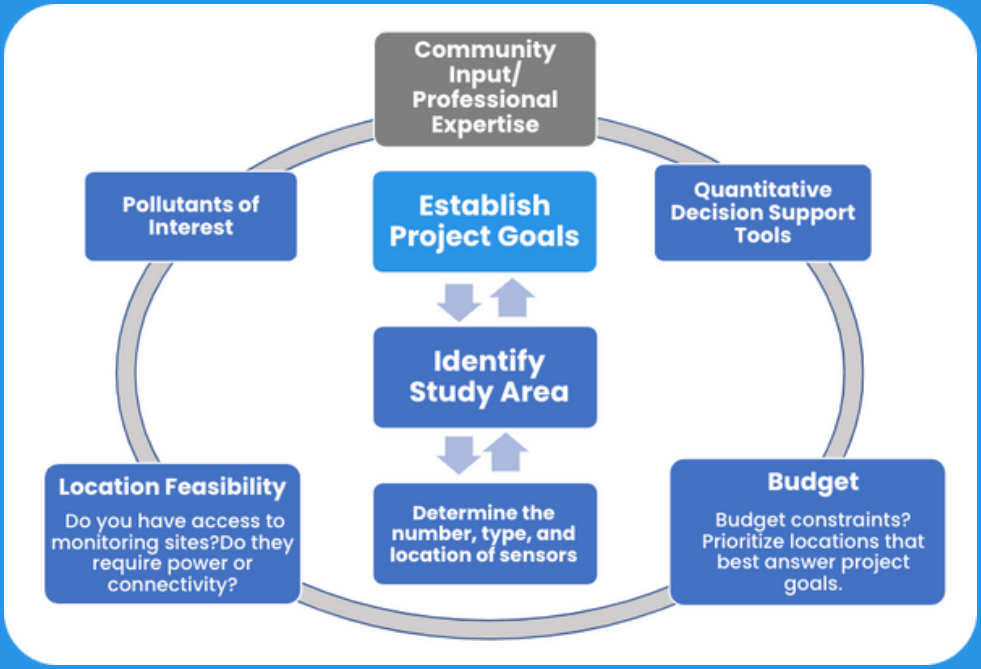
Air Quality Sensor Bootcamp Homework Assignment #3

Referring back to your answers from homework assignment #2, fill out the form below to identify the remaining factors that you should take into account when designing your air quality monitoring network.

Refer to this flow chart as you complete the worksheet – you may need to revise your answers as you go through other factors and think about how they are related!



What pollutants do you want to measure? List their sources if you know them.

Describe the study area — is it community-scale or city-scale? Is it urban or rural, etc.?

Where will you collocate and ultimately site sensors — do you have access to these locations?

What's your estimated budget for this air quality monitoring project — how will you secure it?

What is your approximate desired number & type (brand or features) of sensors?

Do you feel anything is missing? What additional information or tools (quantitative or otherwise) would help you better design this network?