

Dear Reader (and Biker)!

Welcome to the Group Against Smog & Pollution's bicycle-mounted air monitoring program! The first step is the desire to know more about the quality of the air that you pass through each day, and you've already surmounted that step on your own! Next, we present you with one of our four designated mobile air quality monitors (AQM) and their accompanying global positioning satellite units (GPS). With these, you will be able to create a visual log of the air quality in those areas that you frequently bike through. This is a Google-funded project, and all of our results will be publicly released.



AQM



GPS

1. Mount air quality monitor-GPS unit to bike handlebars
2. Slide the power switch on the bottom of the GPS to the "on" position, and wait for the "ready" signal
3. Get ready to press the power button on the front of the AQM and the "enter" button on the GPS near-simultaneously...
4. Get ready to ride...
5. Ok, press them and go go go!
6. When you are done with your ride, press the power button again on the front of the AQM to shut it down, and slide the power switch on the bottom of the GPS away from the "on" position. **Make sure both devices are off.**

When you return the unit to GASP at the end of your one-week monitoring mission, we will transfer the raw data into our computer and create a map that we will publish on our website. We encourage you to keep a journal or take relevant notes during this time, so that you can create an interesting tale for your discoveries!

Other things to be aware of:

- If it begins to rain, take the entire unit off the bike and take it safely indoors.
- Never leave the unit unattended – bring it with you when you lock your bike up, as you would your bike lights or bags.
- As much as is possible, try not to let the unit jiggle too much and clang up against the bike, take hard falls, etc.