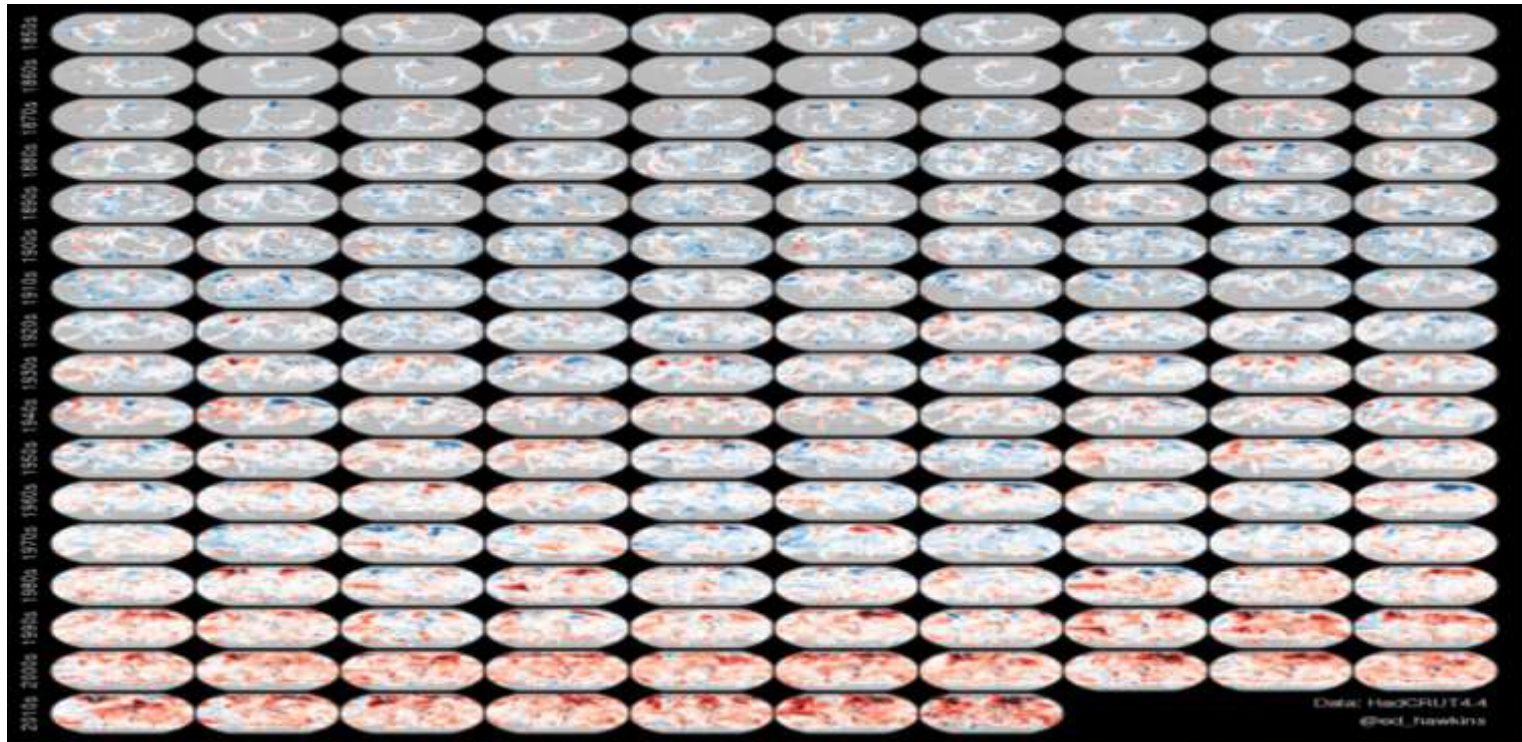


## What's Going On?

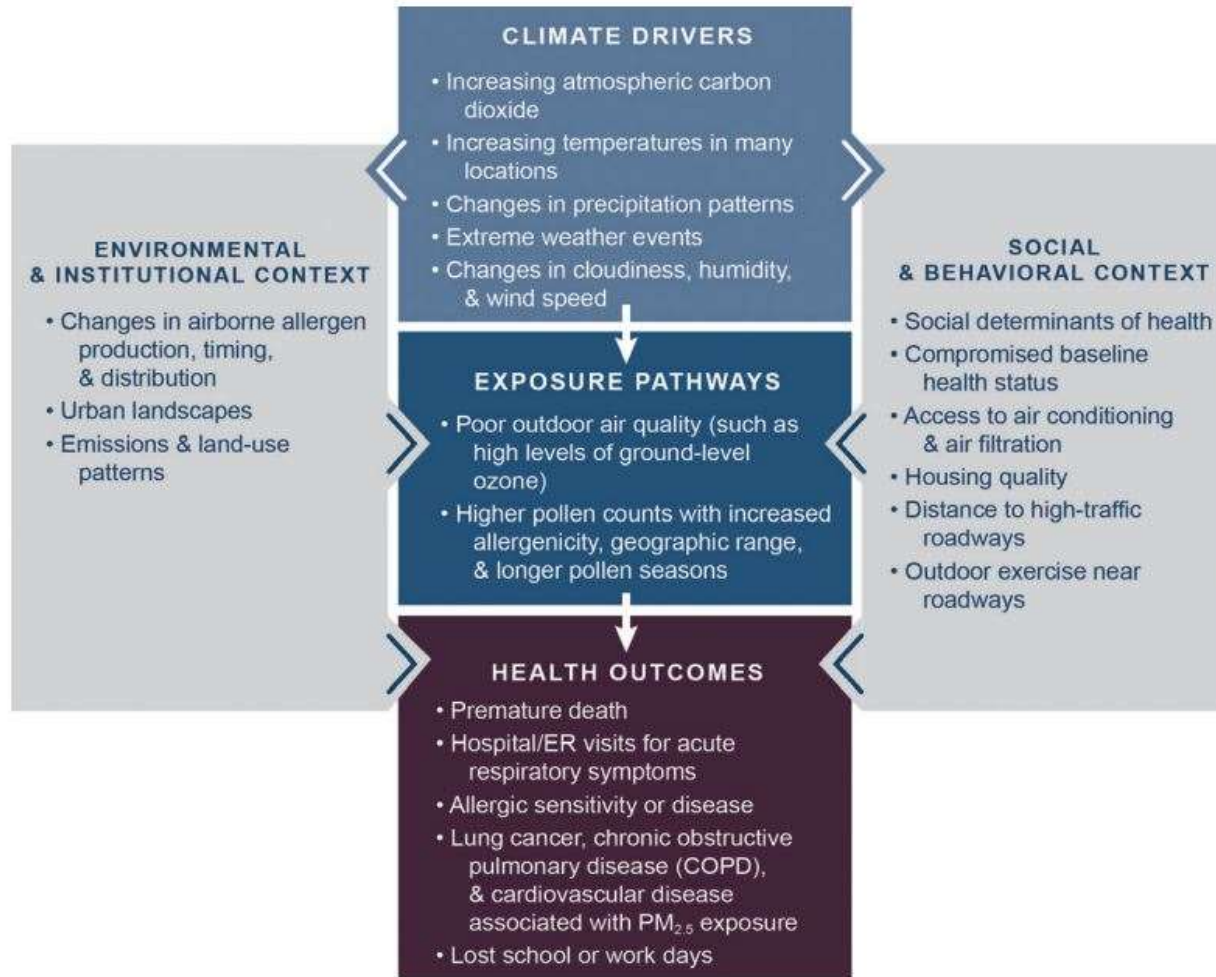
**Citizen Science for the masses, for the individual and for change.**

**Making the Invisible Visible Using Tools,  
Science and Art**

**What makes climate change difficult is that it is not an instantaneous catastrophic event,” the President said. “It’s a slow-moving issue that, on a day-to-day basis, people don’t experience and don’t see.”**



# Outdoor Air Quality and Climate Change

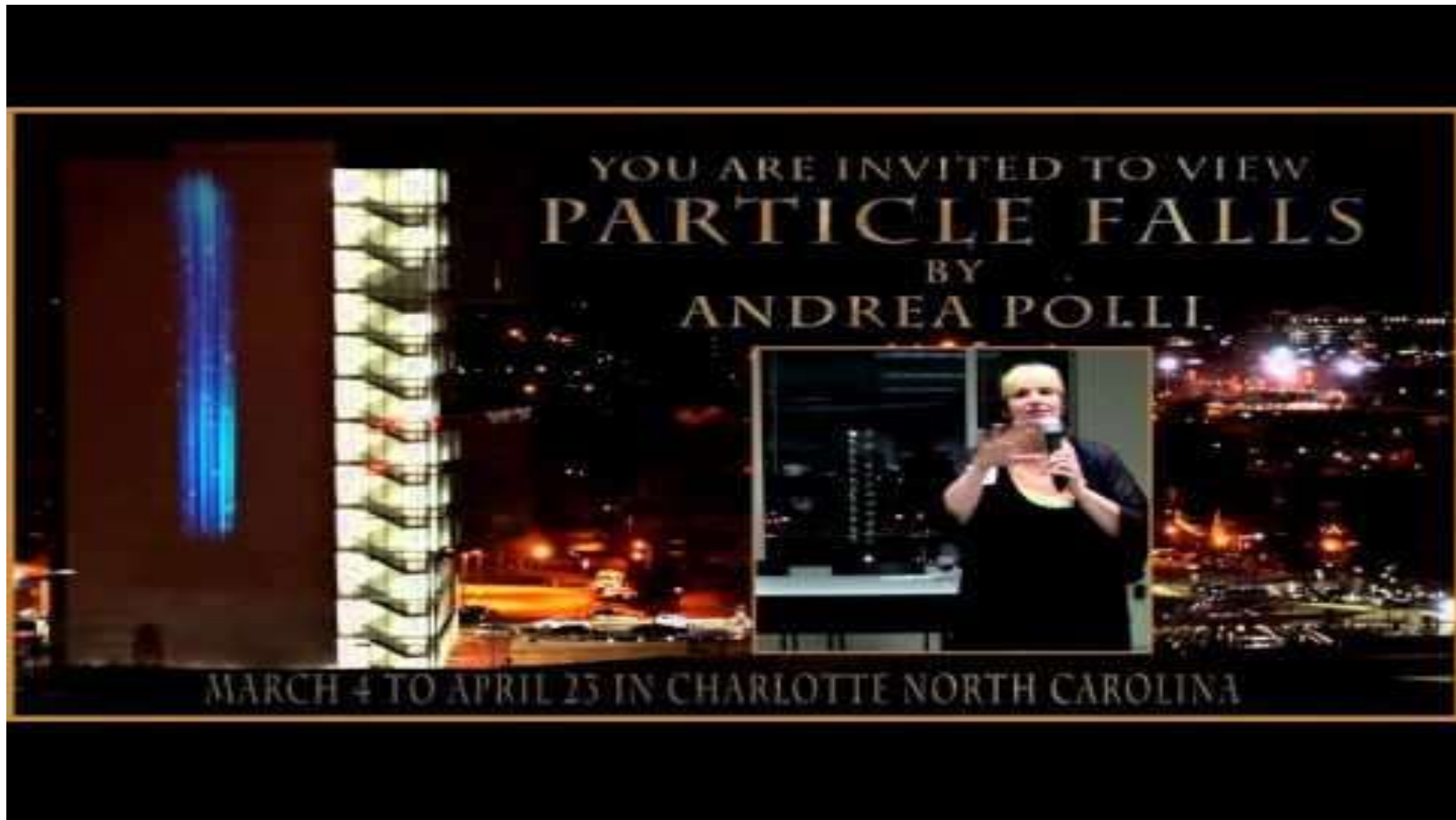


**Figure 1:** This conceptual diagram for an outdoor air quality example illustrates the key pathways by which humans are exposed to health threats from climate drivers, and potential resulting health outcomes (center boxes). These exposure pathways exist within the context of other factors that positively or negatively influence health outcomes (gray side boxes). Key factors that influence vulnerability for individuals are shown in the right box, and include social determinants of health and behavioral choices. Key factors that influence vulnerability at larger scales, such as natural and built environments, governance and management, and institutions, are shown in the left box. All of these influencing factors can affect an individual's or a community's vulnerability through changes in exposure, sensitivity, and adaptive capacity and may also be affected by climate change. See Chapter 1: Introduction for more information.

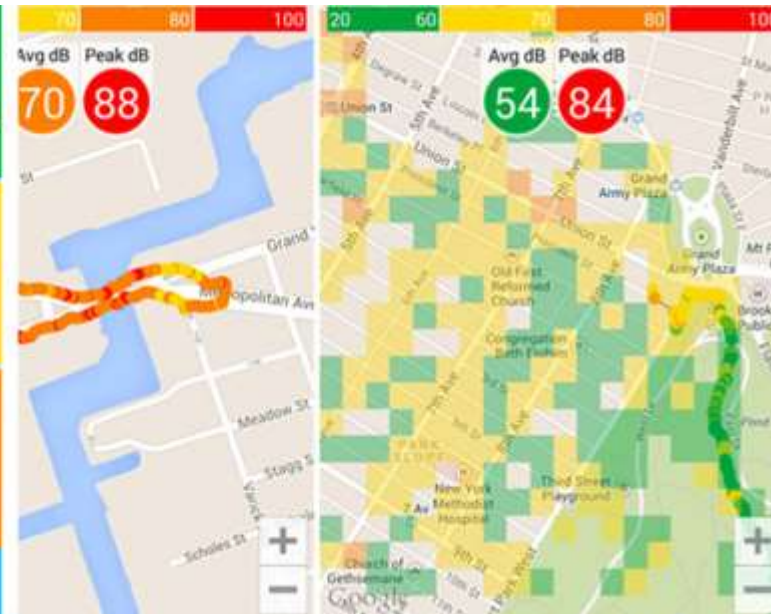
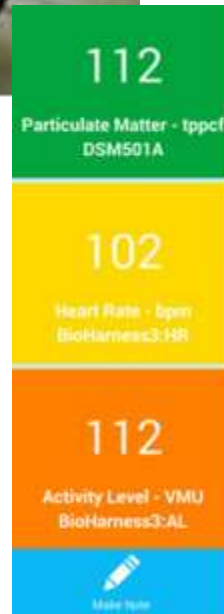
# What is Particulate Matter?



# The Art of Particle Falls?



# The Tools of the Trade



# The Science



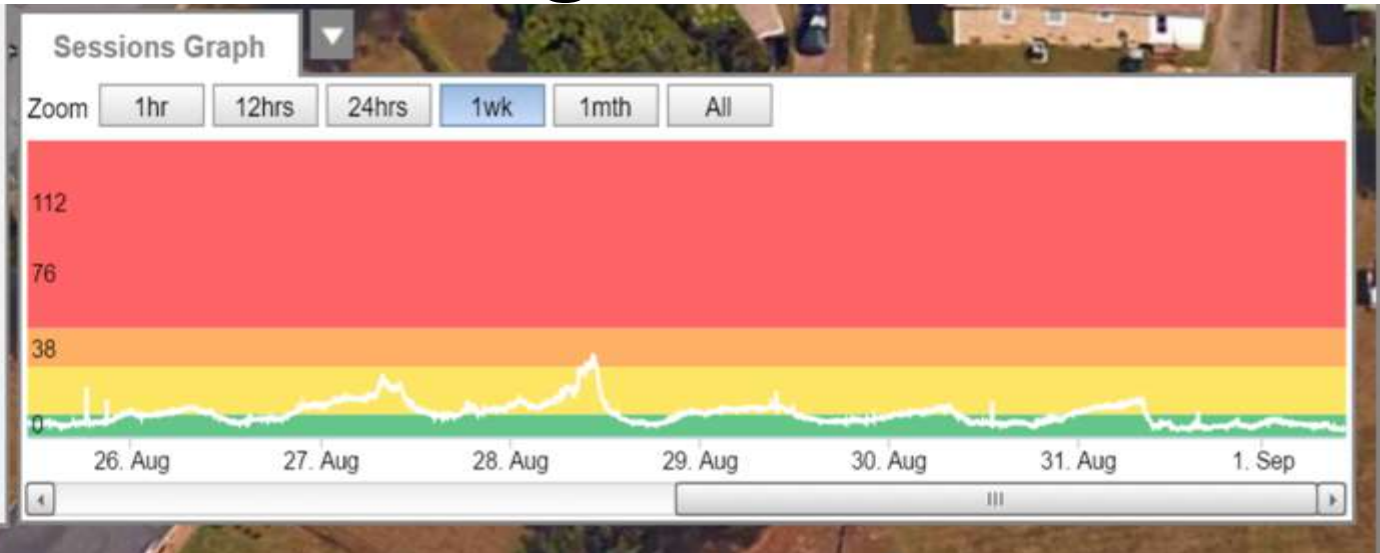
# Visualizing Data

**NECO 8/18**  
CleanAirCarolina , 08/18/2016,  
16:07-10:29 dB/F/PM/RH

**Garinger HS**  
CleanAirCarolina , 08/05/2016,  
11:23-10:29 dB/F/PM/RH

**34A St Marks Ave - Back**  
HabitatMap, 07/10/2016, 09:51-  
10:29 F/PM/RH

**cm**  
Iowa Monitoring, 08/29/2016,

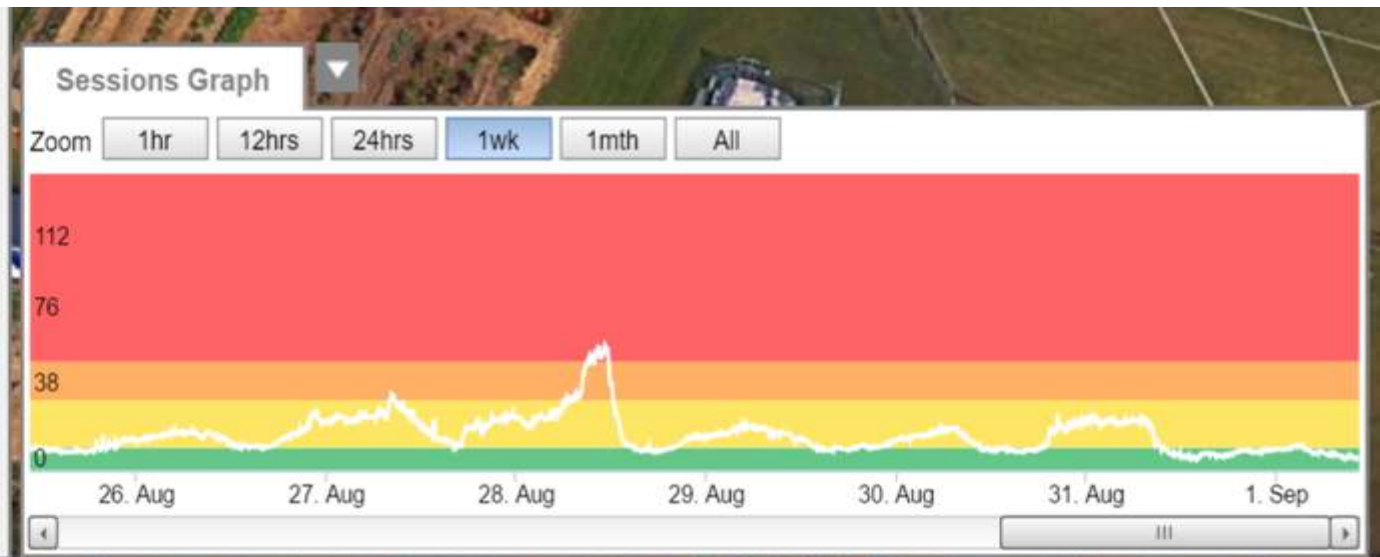


**Garinger HS**  
CleanAirCarolina , 08/05/2016,  
11:23-10:29 dB/F/PM/RH

**34A St Marks Ave - Back**  
HabitatMap, 07/10/2016, 09:51-  
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CleanAirCarolina , 08/18/2016,  
16:07-10:29 dB/F/PM/RH

**cm**  
Iowa Monitoring, 08/29/2016,





## Thanks!

Contact Terry Lansdell to learn more about how you can help bring Particle Falls back to NC and to join our citizen science work to visualize pollution in real time.

Contact:

[Terry@cleanaircarolina.org](mailto:Terry@cleanaircarolina.org)

980-213-6446