



*Innovation in Local Air Quality
Monitoring & Information*

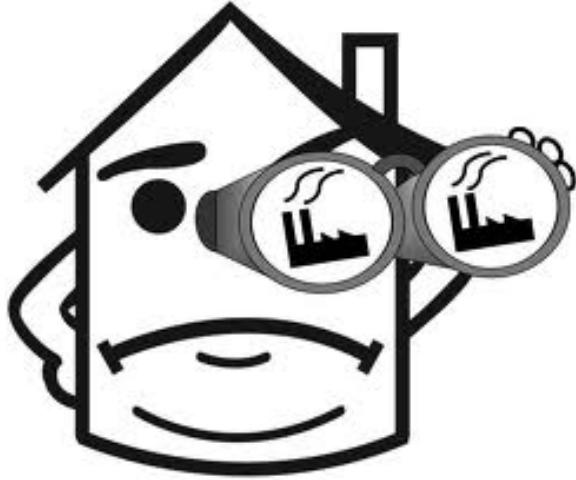
**Lynda Lukasik, PhD
Executive Director**

www.environmenthamilton.org

Our Mandate:

*To provide Hamiltonians with
the knowledge and skills they
need to enhance and protect
the environment around
them.*

Stack Watch



- Program initiated in 2003
- Ministry staff and industry helped with accurate stack labelling
- Initiative supported with a grant from NAFTA's Commission for Environmental Cooperation
- **GOAL = PROVIDE COMMUNITY WITH ESSENTIAL INFORMATION NEEDED TO EFFECTIVELY DOCUMENT & REPORT EMISSION PROBLEMS.**





STACKWATCH

REPORTING AIR EMISSIONS IN OUR COMMUNITY

Do you see visible pollution emissions?
Do you smell an offensive odour coming
from the industrial area?

TAKE ACTION! REPORT IT!

**Ontario Ministry of Environment
and Climate Change (MOE)**

Call 24/7 Spills Action Centre
1-800-268-6060

Email your photos
moe.tips@ene.gov.on.ca

**Area industry you can contact directly
and copy on your reports to the MOE**

ArcelorMittal Dofasco
905-544-3761
environment.dofasco@arcelormittal.com

US Steel
905-528-7855
infocanada@uss.com

Need more info on how to effectively
report a pollution problem? Visit
environmenthamilton.org and
click **Stack Watch** to access our
industry stack keys and other info.



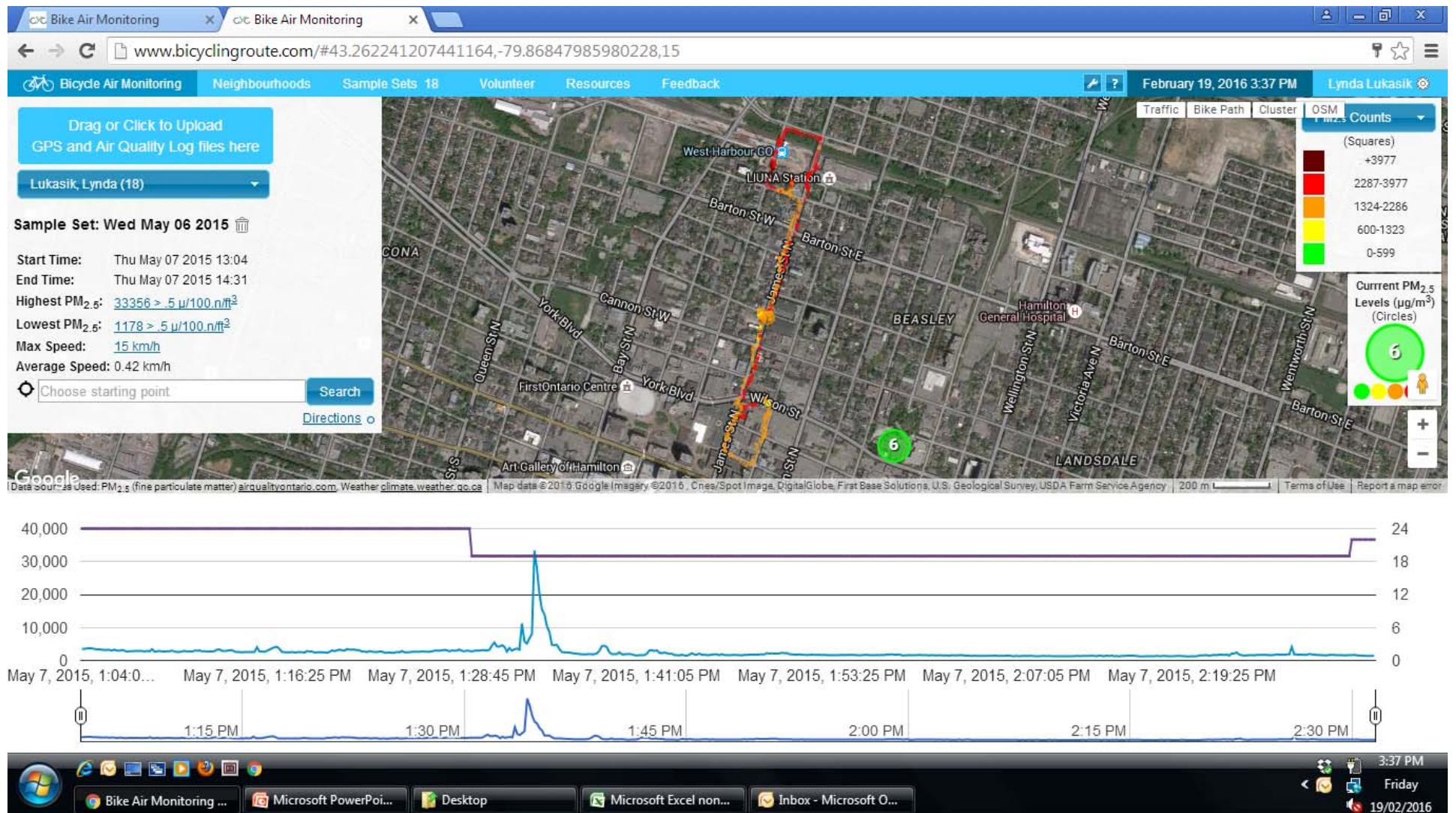


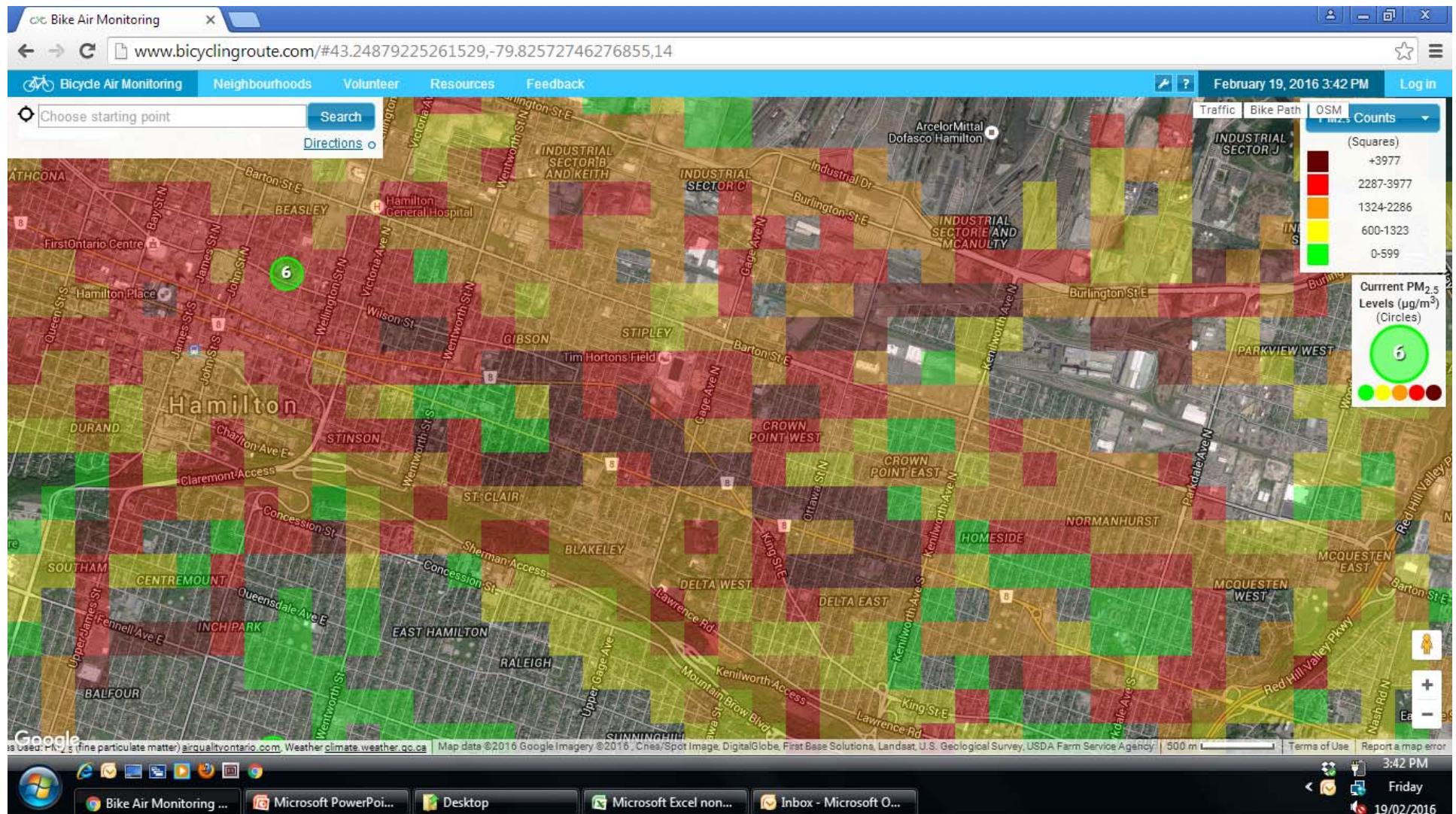


Dylos Fine Air Particulate Monitor



GPS Data Logger



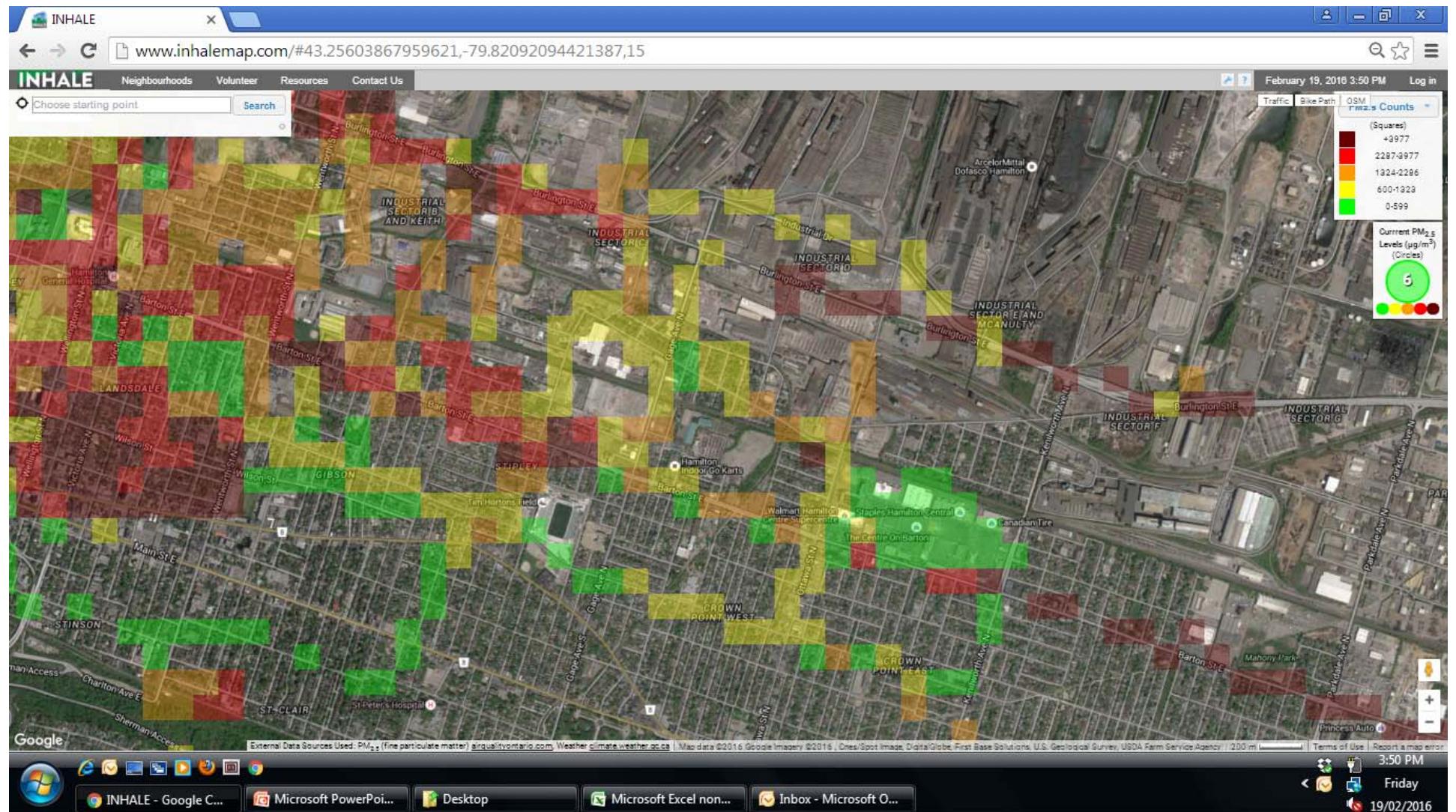




Initiative for Healthy Air & Local Economies

















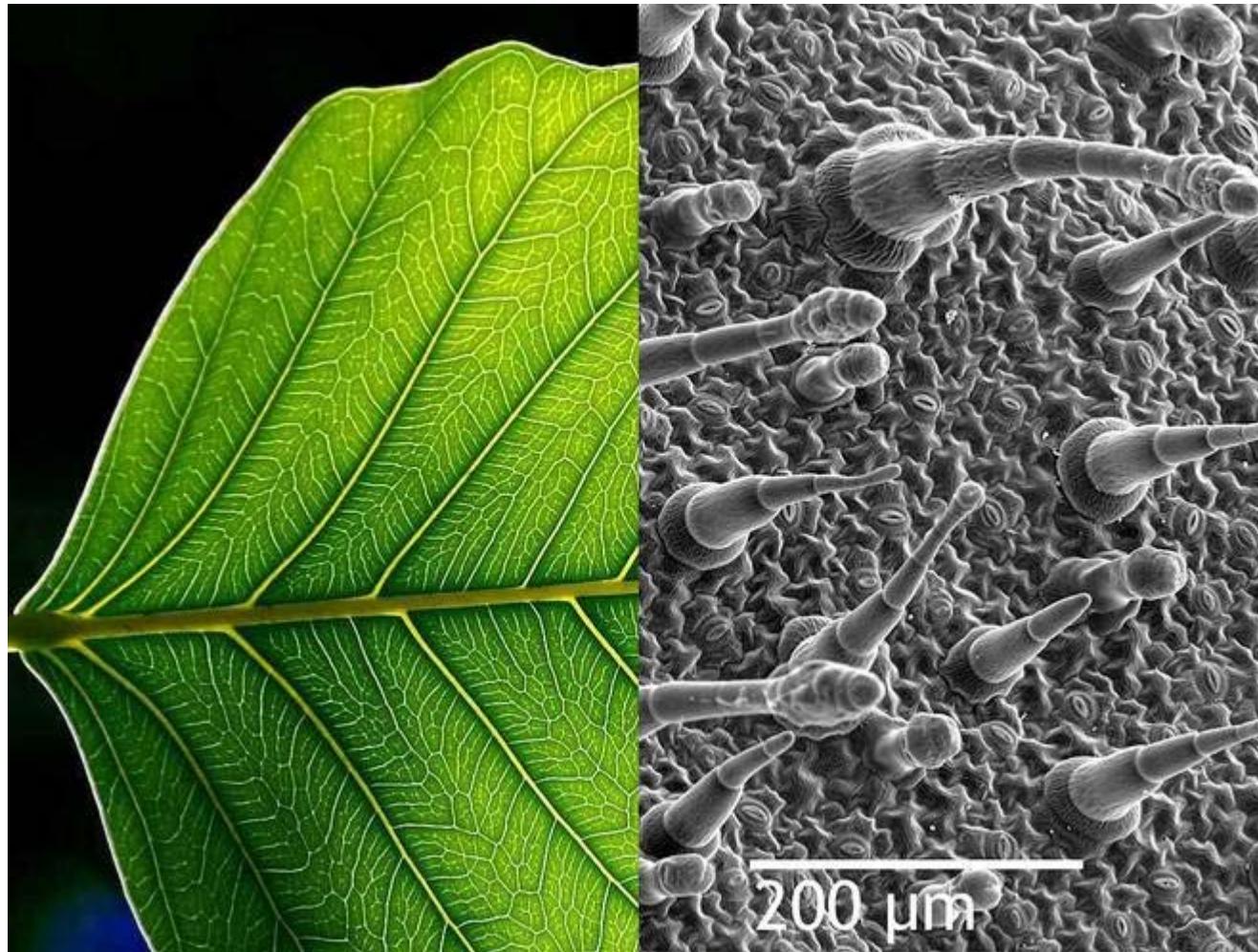
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WILL BE TOWED OR FORCED AWAY



Particulate Pollution and the Power of TREES



A study has shown that tree leaves can capture 50%+ of particulate matter pollution

Trees Please



Green Solutions to Air Pollution

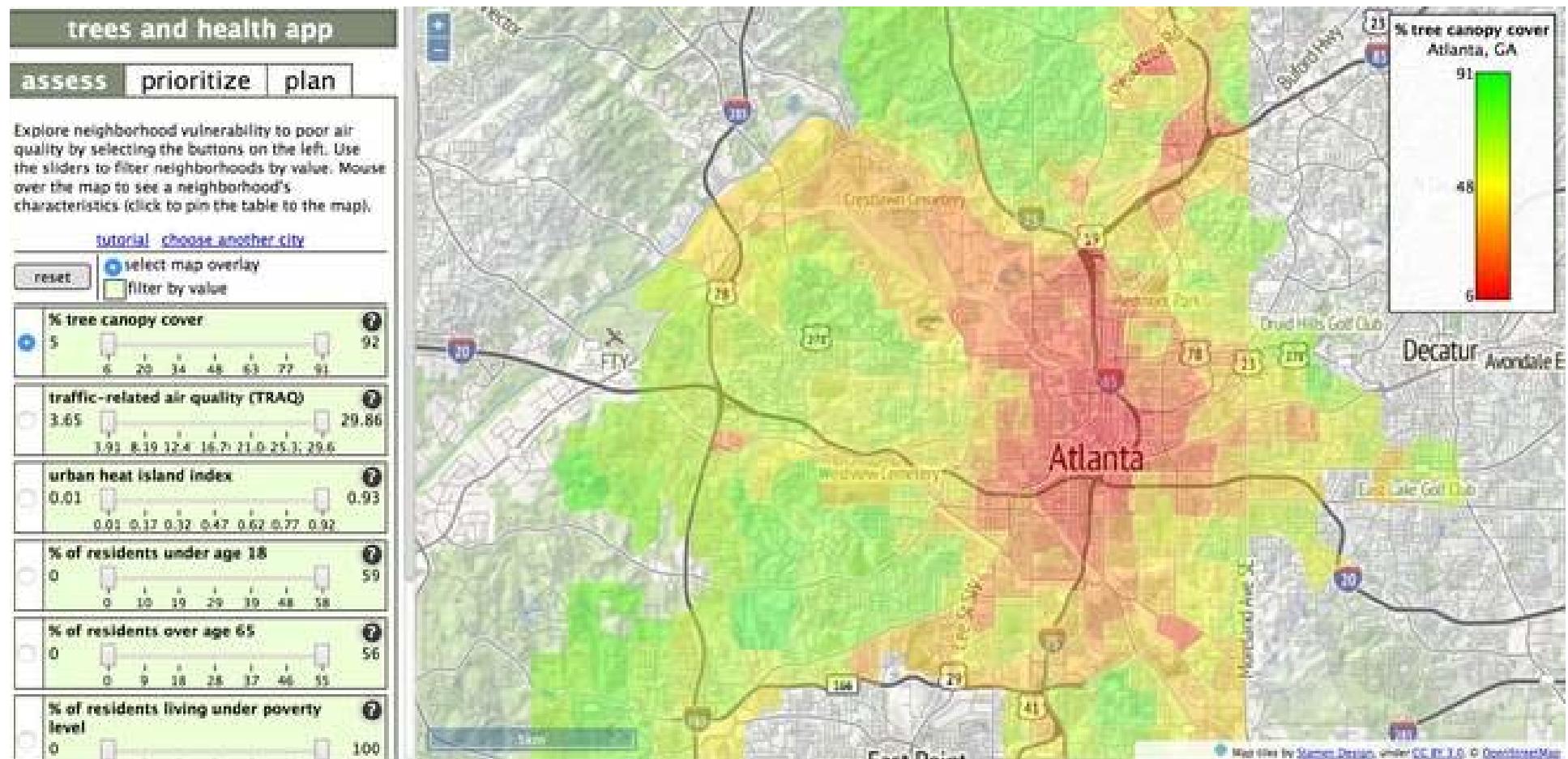


An agency of the Government of Ontario
Un organisme du gouvernement de l'Ontario



Tool shows where cities need trees most

The [Trees and Health App](#), was developed by researchers at Portland State University and funded by the U.S. Forest Service .





i-Tree

Tools for Assessing and Managing Community Forests



**Community Mobile
Air Particulate
Monitoring**



**Community Urban
Tree Inventory**



**Identification of Priority
Tree Planting Locations**
**(*Neighbourhood Locations with
High Particulate Levels AND
Poor Urban Forest Health*)**



Lichen Monitoring to Assess Neighbourhood Air Quality



Candelaria concolor



Physcia millegrana



THANK YOU!