



# Air pollutants degrade the floral scents involved in plant-insect interactions

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# Concepts to be covered

- Primary pollutants
- Secondary pollutants
- Families of organic molecules
- Gas reactivity
- Kinetics of gases
- Lifetimes of gases
- Oxidants
- Scent cues
- Floral volatiles
- Plant-insect interactions
- Basal gas emission rate
- Eulerian and Lagrangian turbulence scales
- Large Eddy Simulation
- Subgrid-scale (SGS) stress tensor
- Friction velocity
- Reynolds stress tensors
- Turbulent kinetic
- Mean shear of the flow