



Research Seminar

Formaldehyde from Home Central Heating and Air Conditioning Filters

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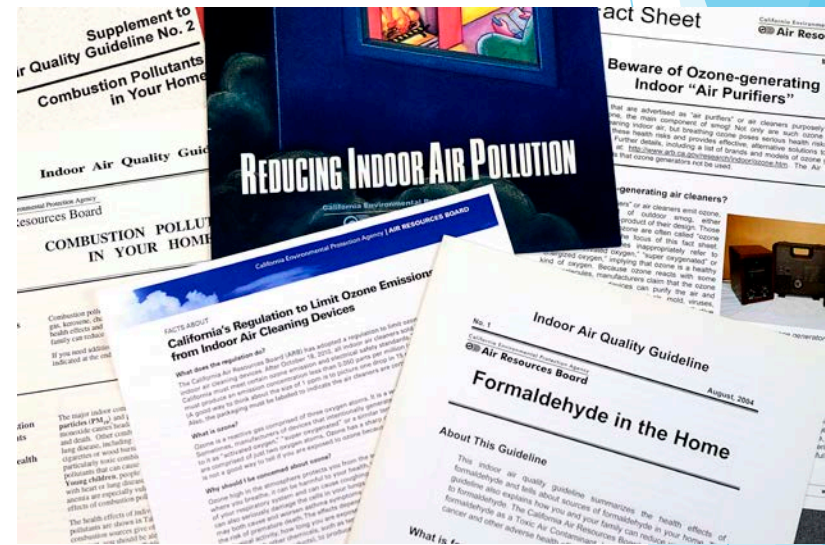
Why CARB funded this project

- ▶ Formaldehyde –a known human carcinogen and a toxic air contaminant with no safe level of exposure
- ▶ Fiberglass filters for commercial heating, ventilation and air conditioning systems emit formaldehyde, but little known about those used in residential systems
- ▶ To quantify the contribution of residential fiberglass and synthetic filters to indoor concentrations of formaldehyde



CARB's Use of Results

- ▶ To provide guidance to consumers & manufacturers
- ▶ To promote use of lower-emitting filters in residential systems
- ▶ More information about IAQ



<https://ww2.arb.ca.gov/our-work/programs/indoor-air-quality>

Today's Speaker

Hugo Destailats, Ph.D.

- ▶ Staff Scientist & Deputy Leader of the Indoor Environment Group at the Lawrence Berkeley National Laboratory
- ▶ Over 20 years of research experience, focused on:
 - understanding the mechanics of indoor pollutants
 - reducing exposures to harmful chemicals
 - developing technologies to advance healthy & energy-efficient built environments
- ▶ Published over 60 articles in peer-reviewed journals

