

Modeling Health Effects from Indoor Concentrations of Outdoor Particulate Matter

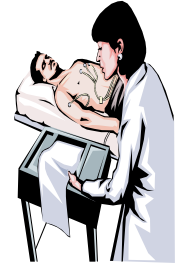
- Key pollutants affecting health are particulates of less than 2.5 microns diameter (PM2.5)
- LBNL field studies demonstrated:
 - Ammonium nitrate (NH_4NO_3) aerosol forms largest PM2.5 fraction in California
- Previously no information on indoor concentration of NH_4NO_3
- Our studies show indoor dissociation of NH_4NO_3 and subsequent loss to deposition and sorption to indoor surfaces.
- Critical result for assessing health effects of PM2.5 in California

CONTACT:

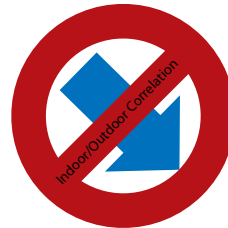
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Outdoor Particle Concentrations



Increased Morbidity and Mortality



Indoor/Outdoor Correlation



People spend 90% of their time indoors