

Clean Air Networks' Conference 2023

5-6 July 2023, University of Birmingham

Current state of play:

Measurements, Mechanisms and Modelling

Integrated technological and
computational tools to capture detailed
personal exposure and dose

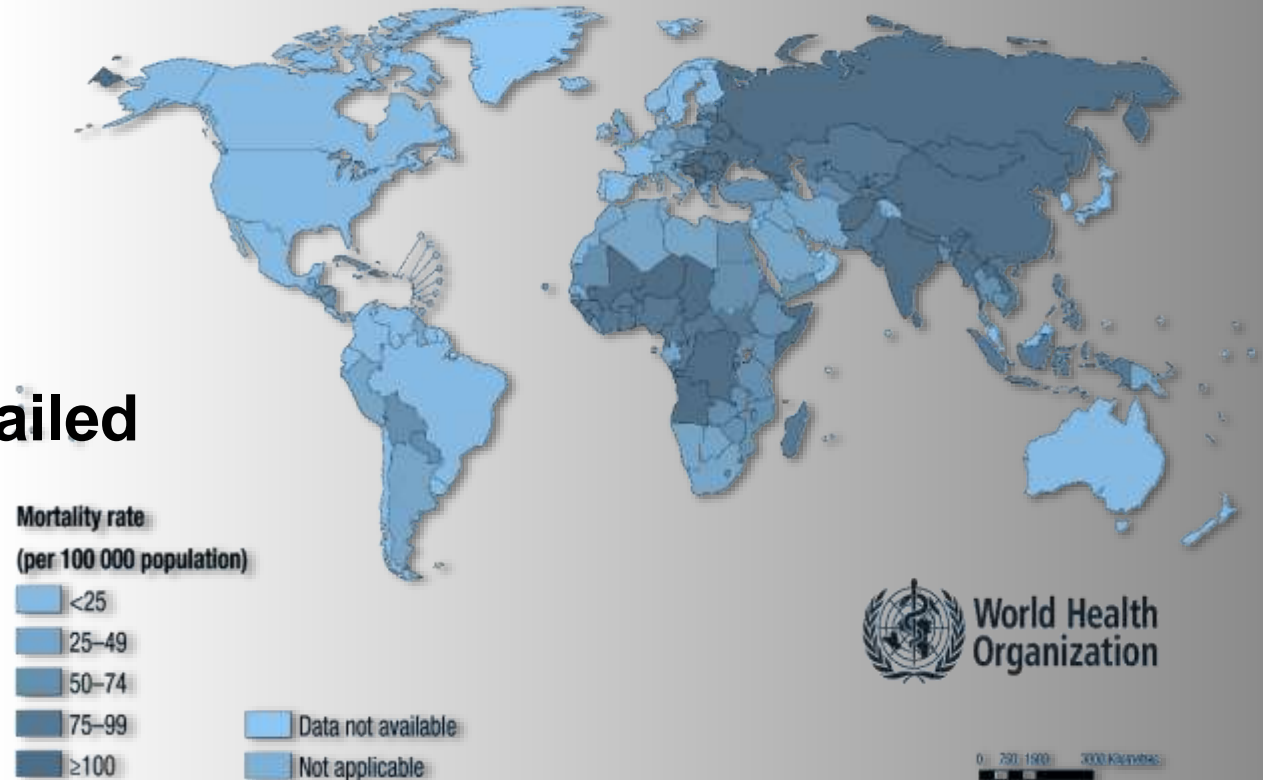
Dr Lia Chatzidiakou

Yusuf Hamied Department of Chemistry

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Air pollution and health

Mortality rate attributed to household and ambient air pollution, by WHO region, 2012*



Estimated **8M premature deaths**
annually globally
But....

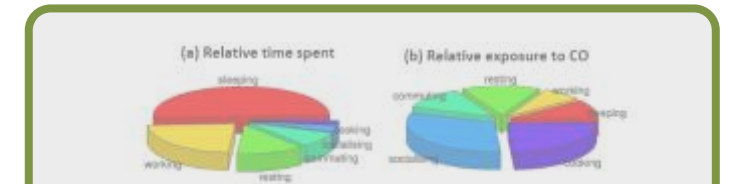
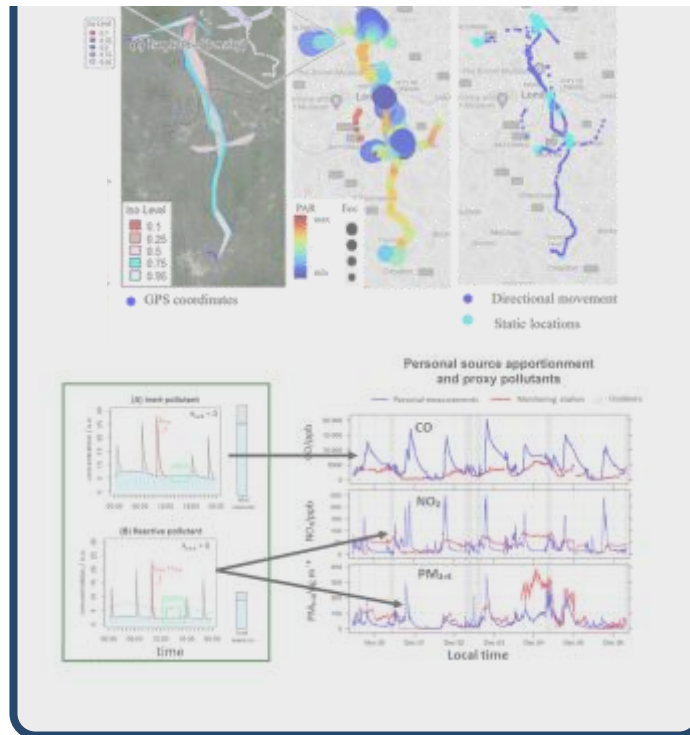
⇒ Improved exposure metrics critical for health models



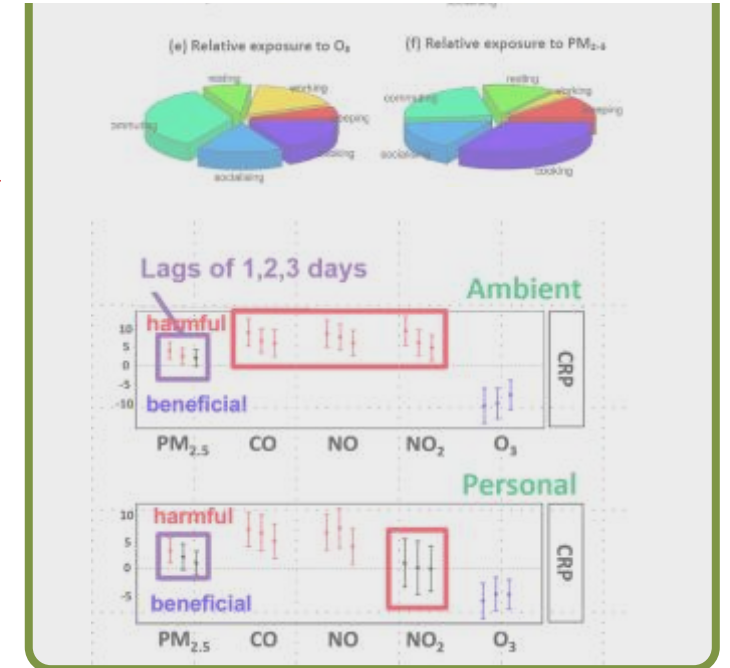
SENSORS AND SENSOR NETWORKS



SMART ANALYSIS



ADVANCED UNDERSTANDING



Come and see my poster!!!