

CCDC- PHFI- Harvard T.H. Chan School of Public Health through GEOHealth Hub
for Research and Capacity Building are Organising a course on

Environmental Epidemiology and Cardiovascular Health

25th, 26th, 28th and –29th November 2022, New Delhi, India

Draft outline for the course			
Day 1 [25-11-2022]	Day 2 [26-11-2022]	Day 3 [28-11-2022]	Day 4 [29-11-2022]
Air pollution	Air pollution	Greenness and Temperature	Noise
Basic cardiology, Types of CVD, risk factors for CVD	Air Pollution: Methods for assessing long-term exposure (LUR, Dispersion models, hybrid satellite models)	Ambient temperature and CVD, Mechanisms and studies	Road traffic noise and CVD
Air pollution, what is it and how does it spread? Sources?	Long-term air pollution and CVD	Workshop	Aircraft and railway noise and CVD
Air pollution and CVD, experimental evidence, mechanistic pathways	Study designs for long-term studies (include bias, confounding limitations)	Greenness and CVD, mechanisms and studies	Interactions of multiple exposures and CVD
Short-term air pollution exposure and triggering of CVD outcomes I	Health impact assessment, effect of policies	Workshop	Multiple effects of intervention, examples in literature, natural experiments etc
Study designs for short-term studies	Workshop	What is transportation noise? Generation, propagation and assessment methods	Presentations of group proposals
Workshop short-term AP studies	Workshop	Preparation of group proposals	Presentations of group proposals
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