

Supplementary Material

Action Plans to Reduce PM_{2.5} Concentrations in Hotspots of Delhi-NCR using a One-way Coupled Modeling Approach

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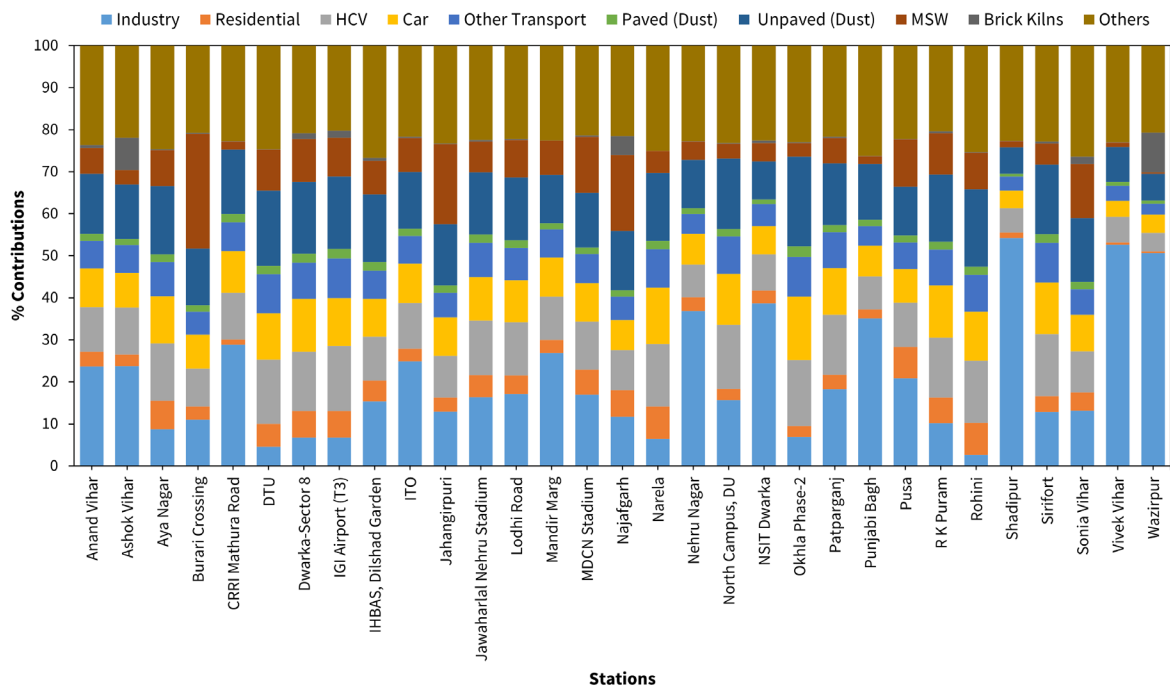


Fig. S1 Percentage contributions of different sources to total PM_{2.5} during post-monsoon and winter in Delhi-NCR at 31 CPCB observation stations.

Table S1 Locations of the seven selected emission-based hotspots (5 km × 5 km).

Region	North West		North East		South East		South West	
	Long	Lat	Long	Lat	Long	Lat	Long	Lat
Mayapuri	77.0956	28.6477	77.1516	28.6517	77.1516	28.5957	77.0956	28.5957
Wazirpur	77.1396	28.7237	77.1916	28.7237	77.1916	28.6717	77.1396	28.6717
Okhla	77.2476	28.5557	77.3036	28.5557	77.3036	28.4997	77.2476	28.4997
Faridabad 1	77.2756	28.4797	77.3316	28.4797	77.3316	28.4237	77.2756	28.4237
Faridabad 2	77.2796	28.3797	77.3356	28.3797	77.3356	28.3237	77.2796	28.3237
Sahibabad	77.2996	28.6837	77.3716	28.6837	77.3716	28.6277	77.2996	28.6277
Udyog Vihar	77.0436	28.5157	77.0996	28.5157	77.0996	28.4597	77.0436	28.4597

Table S2 Source-specific hotspots based on the district wise complaints received by CPCB.

Municipal solid waste burning	Transport		Construction
<ul style="list-style-type: none"> • Salahpur Majra Village • Ladpur • Neelwal • Mukhmelpur • Indira Vikas Colony • Kambakashpur • Faridabad • Ghaziabad • Tikri Kalan 	<ul style="list-style-type: none"> • Lampur • Narela industrial sector 8, 4 • Bawana Sector A1, B1, B3, B2 • DTU • Rohini Sector 17, 27, 16 • Sarup Nagar • Bhalswa Landfill Area • Rohini West • Shalimar Bagh • Adarsh Nagar • Netaji Subhash Place • Udyog Vihar • Kamla Nagar • Roop Nagar • DU North Campus • Karol Bagh • Chandani Chowk • Khajuri • Punjabi Bagh • Saadar Bazar • Uttam Nagar East • Delhi Cantonment • Mayapuri • National Physical Laboratory 	<ul style="list-style-type: none"> • Shivaji Stadium • Patel Chowk • Central Secretariat • Janpath • JLN Stadium • Chanakyapuri • Shankar Vihar • Dwarka Sector 10, 8 • Palam Village • Sarojini Nagar • Munirka • Africa Avenue • Green Park • Hazrat Nizamudin • Lajpat Nagar • Greater Kailash I, II • Okhla NSIC • Okhla Phase II • Mayur Vihar • Laxmi Nagar • East Arjun Nagar • Shahdara Metro Station • Old Seelampur West 	<ul style="list-style-type: none"> • Gurugram • Ghaziabad • Noida • Faridabad • Indira Vikas Colony • Anand Vihar • Mayur Vihar • Paschim Vihar • Janakpuri • IGI • Palam • Chanakyapuri