

# DEVELOPMENT OF SPATIALLY RESOLVED AIR POLLUTION EMISSION INVENTORY OF INDIA



THE ENERGY AND  
RESOURCES INSTITUTE

*Creating Innovative Solutions for a Sustainable Future*



Development of Spatially Resolved  
**AIR POLLUTION EMISSION**  
**INVENTORY OF INDIA**

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## ABBREVIATIONS

<b>g</b>	Gram
<b>kg</b>	Kilogram (10 <sup>3</sup> g)
<b>Mg</b>	Tonne or Million gram (10 <sup>6</sup> g)
<b>Gg</b>	Kilo tonne or Gigagram (10 <sup>9</sup> g)
<b>Tg</b>	Million tonne or Teragram (10 <sup>12</sup> g)
<b>m</b>	Metre
<b>km</b>	Kilometre
<b>ha</b>	Hectare (10 <sup>4</sup> m <sup>2</sup> ), 2.47 acre
<b>km<sup>2</sup></b>	100 ha
<b>PJ</b>	Peta Joule (10 <sup>15</sup> Joule)
<b>Mm<sup>3</sup></b>	Million metre cube
<b>MMSCM</b>	Million Metric Standard Cubic Metre
<b>PM<sub>10</sub></b>	Atmospheric particulate matter < 10 μm
<b>PM<sub>2.5</sub></b>	Atmospheric particulate matter < 2.5 μm
<b>SO<sub>x</sub></b>	Oxides of sulphur (sulphur dioxide)
<b>NO<sub>x</sub></b>	Oxides of nitrogen
<b>CO</b>	Carbon monoxide
<b>NH<sub>3</sub></b>	Ammonia
<b>VOC</b>	Volatile organic compound
<b>NMVO</b>	Non-methane volatile organic compound
<b>APCD</b>	Air pollution controlling device
<b>ARAI</b>	Automotive Research Association of India
<b>CPCB</b>	Central Pollution Control Board

