

**GOVERNMENT OF INDIA
ENVIRONMENT AND FORESTS
LOK SABHA**

UNSTARRED QUESTION NO:4258
ANSWERED ON:21.04.2010
COMPREHENSIVE ENVIRONMENTAL POLLUTION INDEX
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Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) the scientific criteria and parameters taken into consideration by Indian Institute of Technology (IIT), Delhi to finalise the list of cities/districts of the country under Comprehensive Environmental Pollution Index (CEPI); and

(b) the procedure being followed by the Ministry to carry out an environmental assessment of industrial clusters across the country based on CEPI?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS (SHRI JAI RAM RAMESH)

(a) To compute the Comprehensive Environmental Pollution Index (CEPI), Indian Institute of Technology (IIT), Delhi has adopted the algorithm of Source, Pathway and Receptor and various parameters like pollutant concentration, exceedence factors, impact on human health and level of exposure have been taken into consideration for the calculation of pollution indices for air, water and land (ground water). After integrating the indices for various media, a composite CEPI has been evolved.

(b) The Central Pollution Control Board (CPCB) in collaboration with IIT, Delhi has applied the CEPI for environmental assessment of 88 Industrial Clusters across the country. 43 such industrial clusters having CEPI greater than 70, on a scale of 0 to 100, have been identified as critically polluted.