

SC 201 PRESENTATION

SMOG IN LUCKNOW AND NEARBY AREAS

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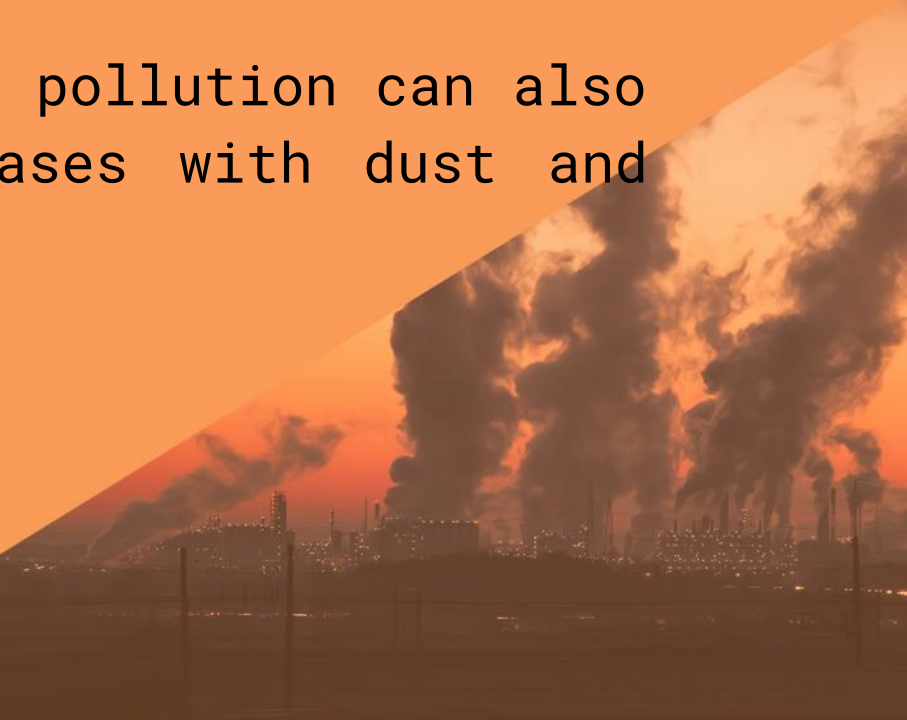


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INTRODUCTION : SMOG

- Smog is basically derived from the merging of two words; smoke and fog.
- Smog is a yellowish or blackish fog formed mainly by a mixture of pollutants in the atmosphere which consists of fine particles and ground-level ozone.
- Smog which occurs mainly because of air pollution can also be defined as a mixture of various gases with dust and water vapor.



INTRODUCTION : SMOG



Riverfront, Gomtinagar, Lucknow
Captured by – Chitranshi Srivastava



Shahjahanpur – Bareilly Road
Captured by – Aman Gangwar

INTRODUCTION : SMOG



Rumi Darwaza, Lucknow
Captured By – Archit Agrawal



IIM Lucknow
Captured By – Akshat Khandelwal

CAUSES OF SMOG

- Air pollution.
- Excessive waste production
- Fireworks
- Ground level ozone and fine particles.
- Pollutants released directly into the air by gasoline and diesel-run vehicles, industrial plants and activities, and heating due to human activities.
- Burning Agricultural Material
- Temperature Inversions
- Vehicular and Industrial Emissions



CAUSES OF SMOG



Kapoorthala, Lakhimpur-Kheri
Captured By – Archit Agrawal



DCM Shriram Ltd., Lakhimpur Kheri, UP
Captured By – Aman Gangwar

CAUSES OF SMOG



Triveni Nagar, Lucknow
Captured By – Chitranshi Srivastava



Qaiserbagh Bus Stand, Lucknow
Captured By – Akshat Khandelwal

EFFECTS OF SMOG

- Bronchial diseases such as Chronic Bronchitis
- Pulmonary diseases such as lung cancer
- Cold and Pneumonia
- Asthma Attacks
- Premature deaths
- Cardiac and Respiratory Complications
- Growth Inhibition in plants
- Immense damage to crops and forests



IMAGE GALLERY



Rajajipuram, Lucknow
Captured By – Chitranshi Srivastava



Sun City Vistaar, Bareilly
Captured By – Aman Gangwar

IMAGE GALLERY



Teele Wali Masjid, Lucknow – Sitapur Road
Captured By – Archit Agrawal



BBD University, Lucknow
Captured By – Akshat Khandelwal

IMAGE GALLERY



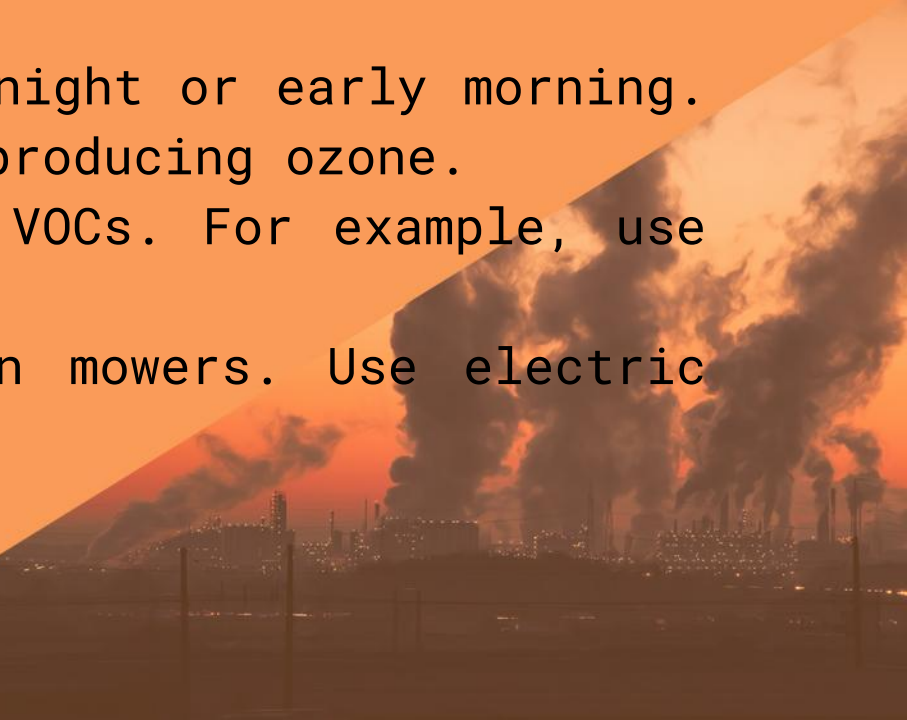
Nawabganj, Bareilly
Captured By – Aman Gangwar



IMS Ghaziabad, NCR
Captured By – Archit Agrawal

POSSIBLE PREVENTIVE MEASURES

- Drive less. Walk, bike, carpool, and use public transportation whenever possible.
- Take care of cars. Getting regular tune-ups, changing oil on schedule, and inflating tires to the proper level can improve gas mileage and reduce emissions.
- Fuel up during the cooler hours of the day—night or early morning. This prevents gas fumes from heating up and producing ozone.
- Avoid products that release high levels of VOCs. For example, use low-VOC paints.
- Avoid gas-powered yard equipment, like lawn mowers. Use electric appliances instead.



The background of the slide is a photograph of an industrial facility, possibly a refinery or power plant, with numerous smokestacks emitting thick plumes of dark smoke. The scene is set against a vibrant sunset sky with shades of orange, red, and yellow. In the distance, a suspension bridge is visible across a body of water. The foreground is dark, showing some industrial structures and a fence. Overlaid on the left side of the image are several semi-transparent, colorful geometric shapes, including triangles and hexagons in shades of red, orange, and yellow. In the bottom right corner, there is a decorative graphic consisting of three concentric, curved lines with small orange dots at their ends, resembling a stylized atomic model or a network diagram.

THANK YOU