

# INDUSTRIAL DEGRADATION

New Article

## *Industrial Pollution and Its Effects*

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*Industrial waste is one of the major causes of environmental pollution. Factories release harmful substances into the air, water, and soil, creating serious risks for both nature and human health.*

### *Air Pollution:*

*Industries emit poisonous gases such as sulfur dioxide (SO<sub>2</sub>), carbon dioxide (CO<sub>2</sub>), and nitrogen oxides. These gases degrade air quality, trigger respiratory problems like asthma and bronchitis, and contribute to acid rain, which damages crops, buildings, and forests.*

### *Water Pollution:*

*Factories often discharge untreated wastewater filled with chemicals, heavy metals (like lead, mercury, and chromium), and phosphates into rivers, lakes, and groundwater. This makes water unsafe for drinking and destroys aquatic life by reducing oxygen levels and disrupting ecosystems.*

### *Soil Pollution:*

*Industrial waste can seep into the ground, depositing toxic chemicals and heavy metals. This contamination kills helpful soil organisms, reduces soil fertility, and can enter the food chain through crops grown on polluted land.*

## *Major Impacts of Industrial Waste*

### *Health Hazards:*

*Exposure to industrial pollutants can cause skin irritation, eye problems, respiratory illnesses, and long-term diseases.*

### *Environmental Damage:*

*Pollutants destroy natural habitats, leading to the extinction of wildlife. In water bodies, chemical waste promotes excessive algae growth (eutrophication), which suffocates aquatic life.*

