

# **POLLUTION**

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# CAUSES & EFFECTS OF POLLUTION

- Environmental pollution is currently the biggest challenge facing the world.
- Causes of pollution are not limited to fossil fuels and carbon emissions.
- There are many other types of pollution, such as:
  - chemical pollution into water and soil;
  - noise and light pollution.



# AIR & WATER POLLUTION

## Air pollution

- Fertilizers contribute to fine-particulate air pollution.
- Other agricultural air pollutants include pesticides, herbicides, and fungicides.



## Water Pollution

- Industrial waste is one of the main causes of water pollution.



## Land pollution

- Destruction of land as a result of human activities.
- Caused by:
  - pesticides and herbicides
  - improper disposal of waste
  - over-farming and over-grazing by agricultural activities.
- Landfills can leach harmful substances into the soil and waterways and create very bad smells.



# NOISE & LIGHT POLLUTION

- Noise is considered an environmental pollutant.
- Light pollution is caused by the prolonged and excessive use of artificial lights.
- Sources of light pollution include:
  - electronic billboards;
  - night sports grounds;
  - street and car lights;
  - city parks;
  - public places;
  - airports,
  - residential areas.



# HOW DOES POLLUTION AFFECT US?

- Pollution may muddy landscapes, poison soils and waterways, or kill plants and animals but humans are also regularly harmed by pollution.
- Long-term exposure to air pollution, for example, can lead to respiratory diseases, such as lung cancer.
- Toxic chemicals can make some species unsafe to eat.
- More than one billion people lack access to clean water and 2.4 billion don't have adequate sanitation, which makes them run the risk of contracting deadly diseases.

# WAYS TO REDUCE POLLUTION AND SAVE THE EARTH:

- Turn off your lights, computer, TV and all the electrical devices every night;
- Choose electric and hybrid vehicles;
- Keep your car efficient;
- Use public transportation, bike or walk, whenever possible;
- Use your washing machine/dishwasher full loaded and use ecological detergent;
- Recycle old newspapers to save millions of trees;
- Have a shower rather than a bath: short showers save millions of liters of water;
- Turn off the tap when you brush your teeth or wash your hands;
- Plant a tree in your garden: it's good for the environment and also for your satisfaction;
- Set a timer temperature controller with timer at home so your heating/cooling is not on when you aren't in;
- Recycle glass, plastic, and aluminum and avoid plastic bags and straws.

Here is the link for further information:

<https://www.50waystohelp.com/>