

Pollutants: Types, Sources, and Prevention

Land Pollution

Sources:

- Chemical and nuclear plants
- Industrial factories
- Oil refineries
- Human sewage
- Mining
- Littering
- Landfill waste
- Construction debris

Prevention:

- Recycle
- Reuse any item you can
- Buy biodegradable products
- Store all liquid chemicals and waste in spill-proof containers
- Eat organic foods that are grown without pesticides
- Don't use pesticides
- Use a drip tray to collect engine oil
- Buy products that have little packaging
- Don't dump motor oil on the ground

Air Pollution

Sources:

- Vehicle emissions
- Tobacco smoke
- Coal combustions
- Power plants
- Manufacturing facilities
- Aerosol sprays

Prevention:

- Carpool
- Walk/bike more and drive less
- Don't smoke
- Keep car maintenance up-to-date
- Don't buy products that come in aerosol spray cans
- Avoid using lighter fluid when barbecuing outside
- Always replace your car's air filter when necessary
- Don't use harsh chemical cleaners that can emit fumes
- Inspect your gas appliances and heater regularly

For a **Business Emissions Calculator**, please visit:

<http://www.climatecare.org/business/business-co2-calculator/>

Water Pollution

Sources:

- Factories
- Refineries
- Waste treatment facilities
- Mining
- Pesticides
- Fertilizers
- Sewage
- Oil spills

For more information on how to reduce fertilizers, visit:
<http://www.nrdc.org/enterprise/greeningadvisor/pu-fertilizers.asp>

Prevention:

- Dispose of chemicals properly
- Don't throw trash, chemicals, or solvents into sewer drains
- Inspect your septic system every 3-5 years
- Avoid using pesticides and fertilizers that can run off into water systems
- Use non-toxic cleaning materials
- Clean up oil and other liquid spills with kitty litter and sweep them up
- Don't wash paint brushes in the sink

How to Reduce Pollution:

- http://pages.uoregon.edu/recycle/Pollution_Prevention.htm

Pollution Prevention:

- <http://www.epa.gov/p2/>

Tips for Preventing Pollution:

- <http://www.epa.gov/p2/pubs/docs/TipsForP2.pdf>

Land Pollution Prevention:

- <http://www.ustudy.in/node/8199>

Water Pollution Prevention:

- <http://www.cccleanwater.org/Publications/TIPsBrochure.pdf>

Air Pollution Prevention:

- <http://www.kirotv.com/news/news/50-tips-to-prevent-air-pollution/nKr3h/>

According to the EPA; every dollar spent to reduce pollution benefits the citizens of the United States by returning between \$3 and \$9.