

ACID RAIN

Has a harmful effect on the environment and structures
 that get it like the below: $\text{SO}_2 \rightarrow \text{SO}_3 \rightarrow \text{H}_2\text{SO}_4$

A. Source:

Two air pollutants: $\text{Nitrogen oxides (NO}_x\text{)}$ & $\text{Sulfur dioxide (SO}_2\text{)}$ + $\text{H}_2\text{O} \rightarrow \text{ACID RAIN}$

B. Adverse effect on the environment:

- Contributed to damage of trees, especially sensitive forest soils
- Killing off forest
- Causes damage to various building materials & hydrocarbon emissions
- Having adverse impacts on human health
- Have adverse impact on fisheries
- Some ecological effects in Canada, Germany, Austria

C. Solutions for cleaning up the environment:

- Restricting how much to create energy which don't produce so much pollution
- Spending more money on pollution control even if it costs more or increase in the price of electricity
- Individuals can contribute directly by conserving energy
- Use alternative energy sources:
 - + Nuclear power
 - + Wind energy
 - + Solar energy
 - + Hydropower
 - + Geothermal energy
- Turn off electric appliances (lights, computers, ...) when you're not using them
- Use energy-efficient appliances (lighting, air conditioners, heaters, refrigerators, washing machines, ...)