

# **POLLUTION OF THE ATMOSPHERE OF EARTH**

**Pollution of the atmosphere of Earth** —  
bringing in atmospheric air new  
uncharacteristic for it physical, chemical and  
biological substances or change of their  
natural concentration



According to the International agency on studying of a cancer of the World Health Organization (WHO), air pollution is the main reason of emergence of oncological diseases



# Types of pollution



# On pollution sources:

- ⦿ The natural
- ⦿ The anthropogenous



# On character of a pollutant atmosphere pollution:

- ⦿ the physical
- ⦿ the chemical
- ⦿ the biological



# Pollution sources

- ◉ *Natural* (eruptions of volcanoes, forest and steppe fires, dust, pollen of plants)

- ◉ *The artificial:*

- Transport
- Production
- Household



# Main pollutants

- ⦿ Carbon oxide
- ⦿ Nitrogen oxides
- ⦿ Sulfur dioxide
- ⦿ Hydrocarbons
- ⦿ Aldehydes
- ⦿ Heavy metals (Pb, Cu, Zn, Cd, Cr)
- ⦿ Ammonia
- ⦿ Dust
- ⦿ Radioactive isotopes



# Consequences

It is possible to carry  
greenhouse effect, acid  
rains, a smog and an  
ozone gap

