

LECTURE TWO:

AIR POLLUTION

MODULE 2

ENVIRONMENTAL POLLUTION

PROF. RIM ABD- EL HAMID

Intended learning outcomes (ILOs) for "Air Pollution" module:

1. List major air pollutants
2. Differentiate between primary and secondary air pollutants.
3. Define sink, synergism, xenobiotic agent as related to air pollution.
4. Define GHG.
5. Enumerate sources of exposure to lead and mercury.
6. Identify the most common health effects of exposure to lead.
7. Discuss the source, impacts and control measures of air pollution with oxides of carbon.
8. Discuss the source, impacts and control measures of air pollution with oxides of nitrogen.
9. Discuss the source, impacts and control measures of air pollution with oxides of sulfur.
10. Discuss the source, impacts and control measures of air pollution with VOCs.
11. Discuss the source, impacts and control measures of air pollution with suspended matter.
12. Discuss the source, impacts and control measures of air pollution with radioactive isotopes.
13. Discuss the possible impacts of ozone depletion on health and the environment.
14. Describe the causes and mechanisms of climate change
15. Give account on the environmental and human health impacts of climate change
16. Recognize the relationship between environmental pollution and public health deterioration.

