

## **LECTURE THREE**

### **WATER POLLUTION**

MODULE 2

**ENVIRONMENTAL POLLUTION**

*PROF. RIM ABD EL HAMID*

#### **Intended learning outcomes (ILOs) for "Water Pollution" module:**

1. Define "environment" and "environmental health".
2. Define "water pollution".
3. List major water pollutants
4. Differentiate between point and non-point source of pollution.
5. Define eutrophication, stream self-purification, stream acidification, biomagnifications, POPs, thermal shock.
6. Discuss the source, impacts and control measures of water pollution with organic waste.
7. Illustrate oxygen sag curve.
8. Discuss the source, impacts and control measures of water pollution with nutrients.
9. Discuss the source, impacts and control measures of water pollution with heavy metals.
10. Discuss the source, impacts and control measures of water pollution with oil.
11. Discuss the source, impacts and control measures of thermal water pollution.
12. Discuss the source, impacts and control measures of acidification of a water body.
13. Discuss the source, impacts and control measures of water pollution with POPs.
14. Classify with examples the different types of water-related infectious diseases.
15. Recognize the relationship between environmental pollution and public health deterioration.





