



# **SNS COLLEGE OF TECHNOLOGY**

Vazhiampalayam, Coimbatore-35

**(An Autonomous institution)**

Accredited by **NBA-AICTE** and Re-Accredited by **NAAC-UGC with A+ Grade**

Approved by **AICTE**, New Delhi & Affiliated to **Anna University**, Chennai



## **DEPARTMENT OF PHYSICS**

**COURSE NAME : 23CHT103 ENVIRONMENTAL SCIENCE  
AND SUSTAINABILITY**

**I YEAR / I SEMESTER**

**UNIT : 1. ECO SYSTEM**

**TOPIC : 1. INTRODUCTION TO ECO SYSTEM**



# BRAINSTORMING WITH RECAP



# THREATS TO BIODIVERSITY



- Any disturbance in an natural ecosystem tend to reduce its biodiversity
- Due to human populations, industrialization
- Imbalance the natural ecological cycle





# CAUSES/THREATS TO BIODIVERSITY



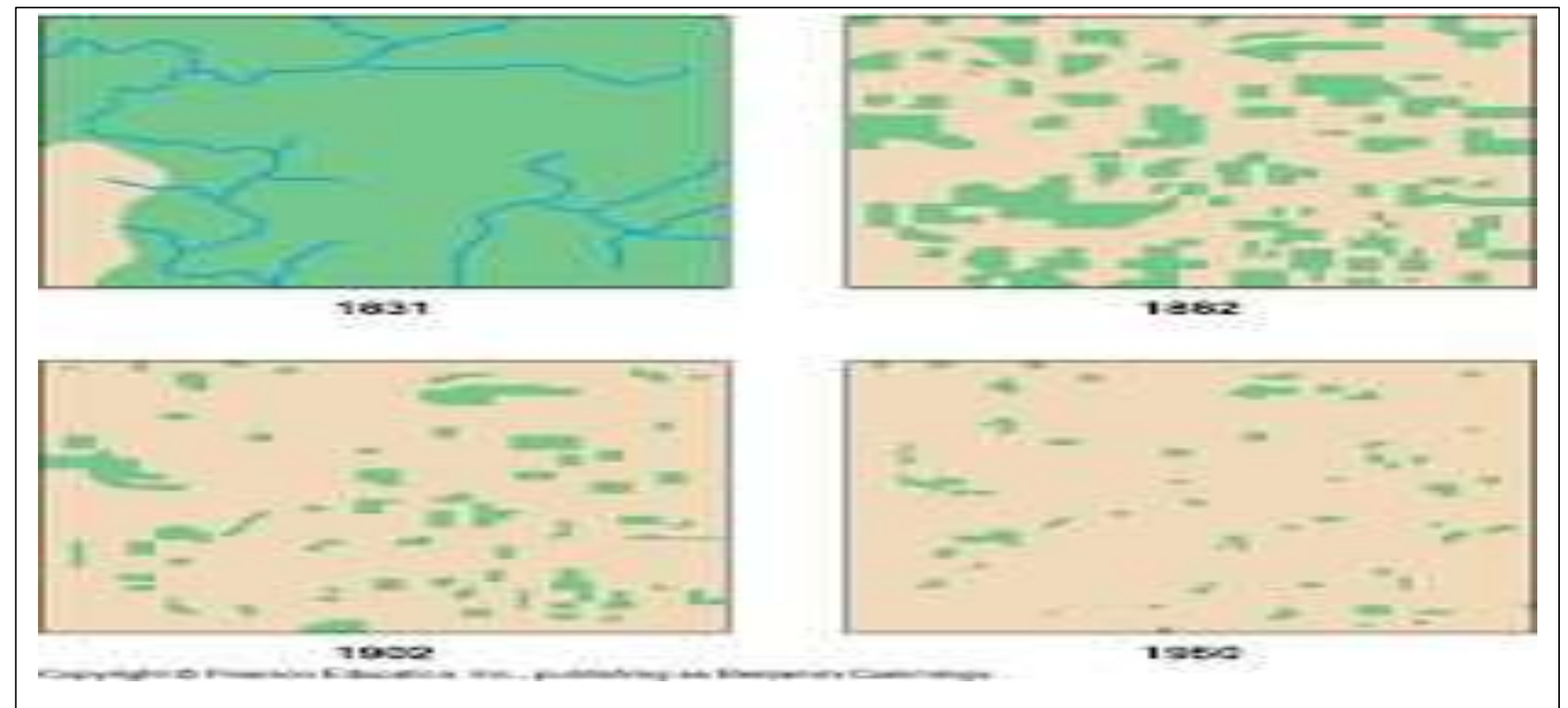
1. **Habitat loss**
2. **Poaching of wild life**
3. **Man-wild conflicts**





# 1. HABITAT LOSS

- The loss of population of interbreeding organism
- **Factors**
  1. Deforestation
  2. Destruction of wetlands
  3. Habitat fragmentations
  4. Raw materials
  5. Production of drugs
  6. Illegal trade
  7. Developmental activities

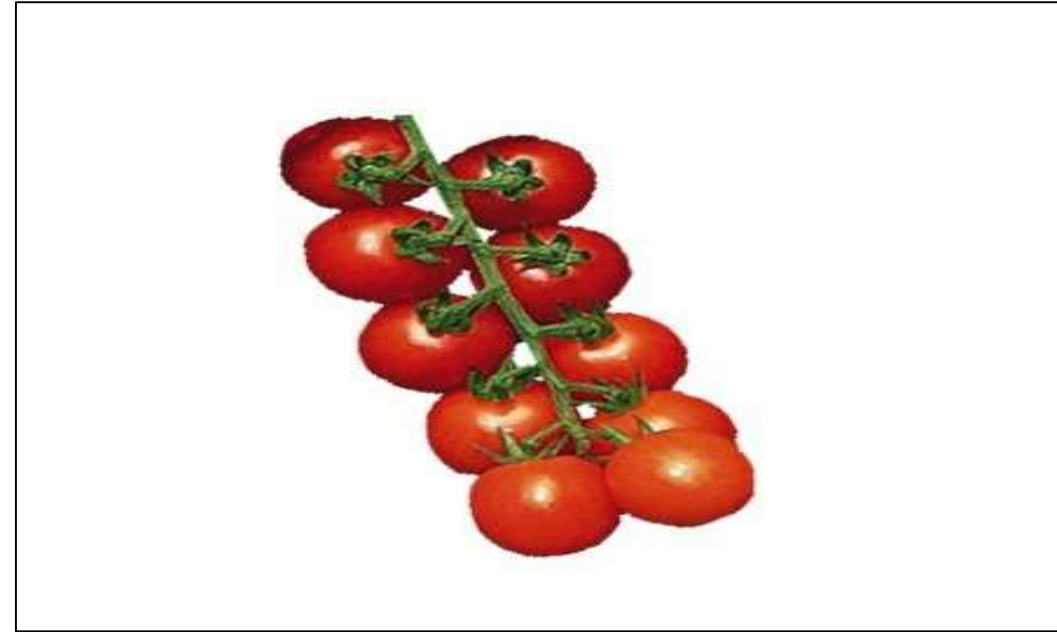




# 1.HABITAT LOSS



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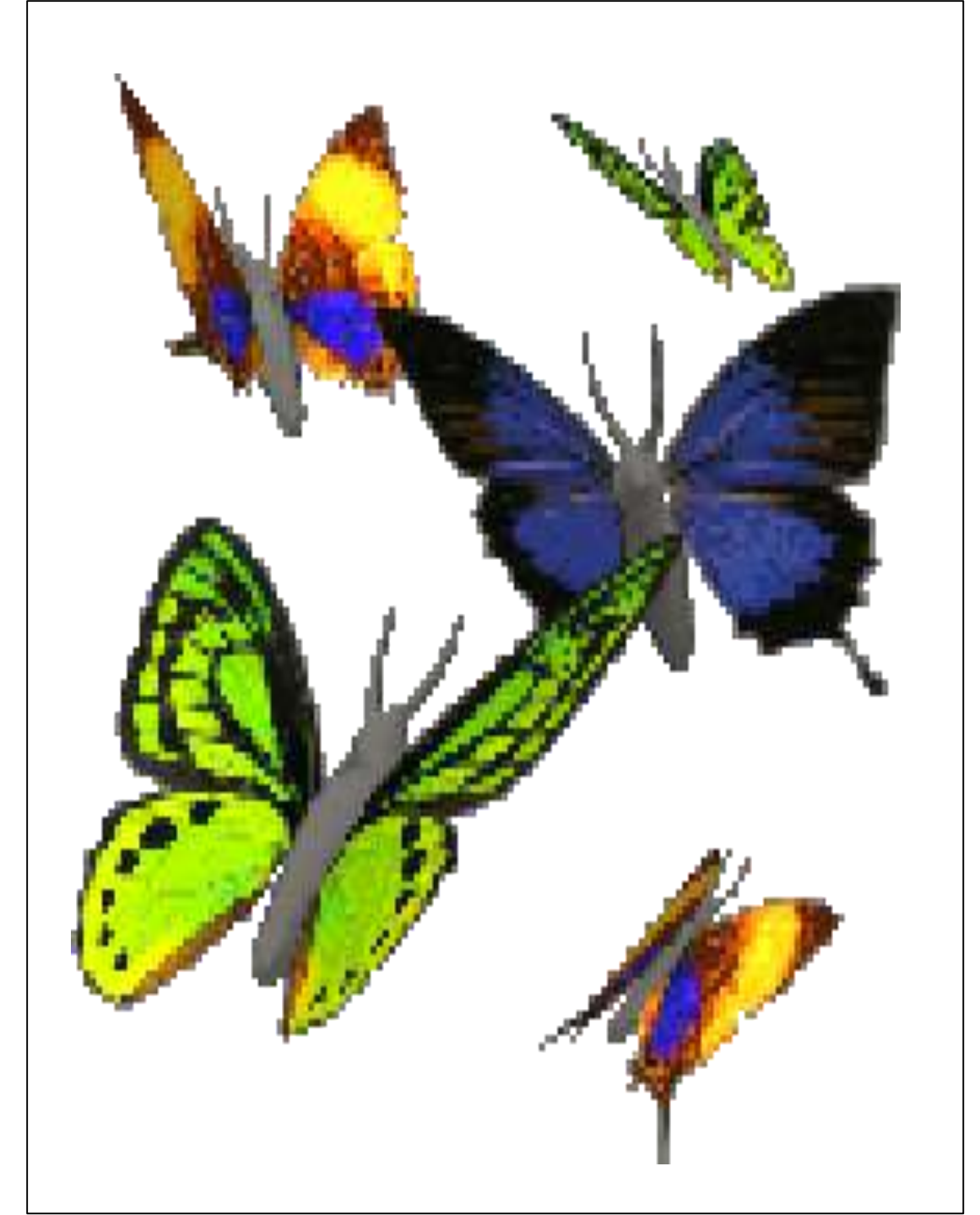




## 2. POACHING OF WILD LIFE

**“Poaching- killing of animals or commercial hunting”**

1. Subsistence poaching
2. Commercial poaching

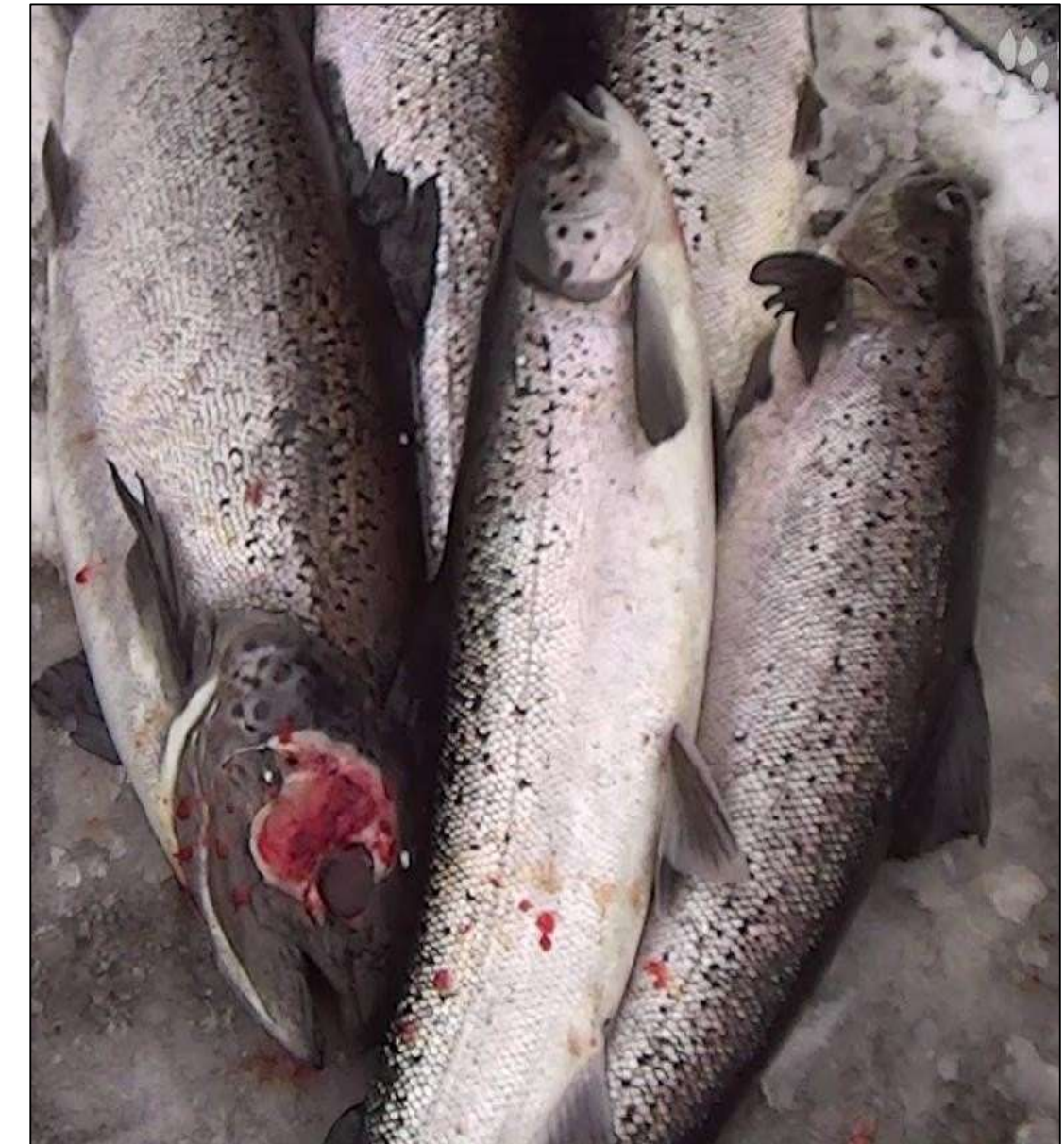




## 2.1. SUBSISTENCE POACHING



- Killing animals to provide enough food for their survival







## 2.2. COMMERCIAL POACHING



- Hunting & killing animals to sell their products





# FACTORS



- Human populations
- Commercial activities like smuggling, endangered species etc
- Products like: furs, horns, tusks, specimen, herbal products, myth, nail, teeth etc







# 3.MAN-WILD CONFLICTS



- Causes when make immense damage





# ASSESSMENT



**1. Draw flow chart for various threats of biodiversity**



# SUMMARY



# REFERENCES



1. Dr. A.Ravikrishnan, Environmental science & Engineering” Srikrishna hitech Pub. Co. Ltd,2013.
2. G.Tayer Miller :Environmental Science”, Cenage Learning India Pvt Ltd, 2011.
3. Benny joseph, “Environmental science & engineering” Tata McGraw-Hill.Pub.Co.Ltd. New Delhi.2009.