



MA PUBLIC ADMINISTRATION

SEMESTER IV

PAPER X

ENVIRONMENTAL MANAGEMENT

OBJECTIVE OF THIS UNIT

- TO LEARN THE NEED, SCOPE AND IMPORTANCE OF ENVIRONMENTAL MANAGEMENT

INTRODUCTION

- Environment literally means surroundings and is derived from French word 'environ'.
- Every living thing is dependent on its environment for food, shelter and growth.
- Environment provides conditions for existence and development of living organisms.
- Rapid urbanization, increase in population and industrialization, unsustainable development activities are the reasons for environment threats.
- It is affecting the balance of the nature.

IS IT NEEDED TO KNOW ABOUT ENVIRONMENT MANAGEMENT

- Public awareness is the best way to keep environment in its original form.
- Developing sensitivity and awareness towards environmental issues.
- Make them aware on the importance of conservation of natural resources.
- Let them involve in environmental protection and development.
- Create a knowledge on sustainable development.
- Continuous research on solving environmental problems.

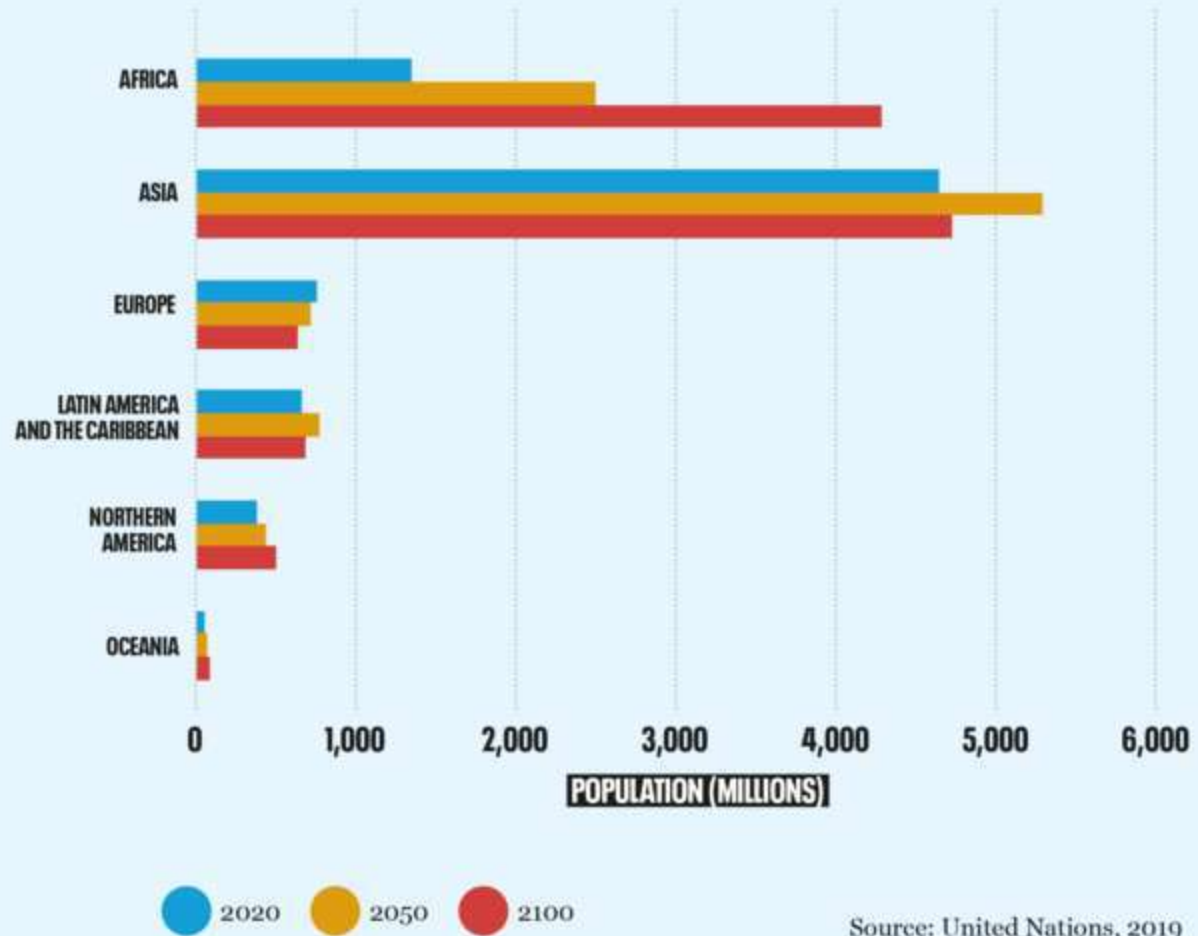
ENVIRONMENTAL CHALLENGES

- Population
- Urbanisation
- Pollution of natural resources
- Poverty
- Requirement of more ground water
- Agricultural land
- Deforestation
- Industrialization and Development of Technology

POPULATION

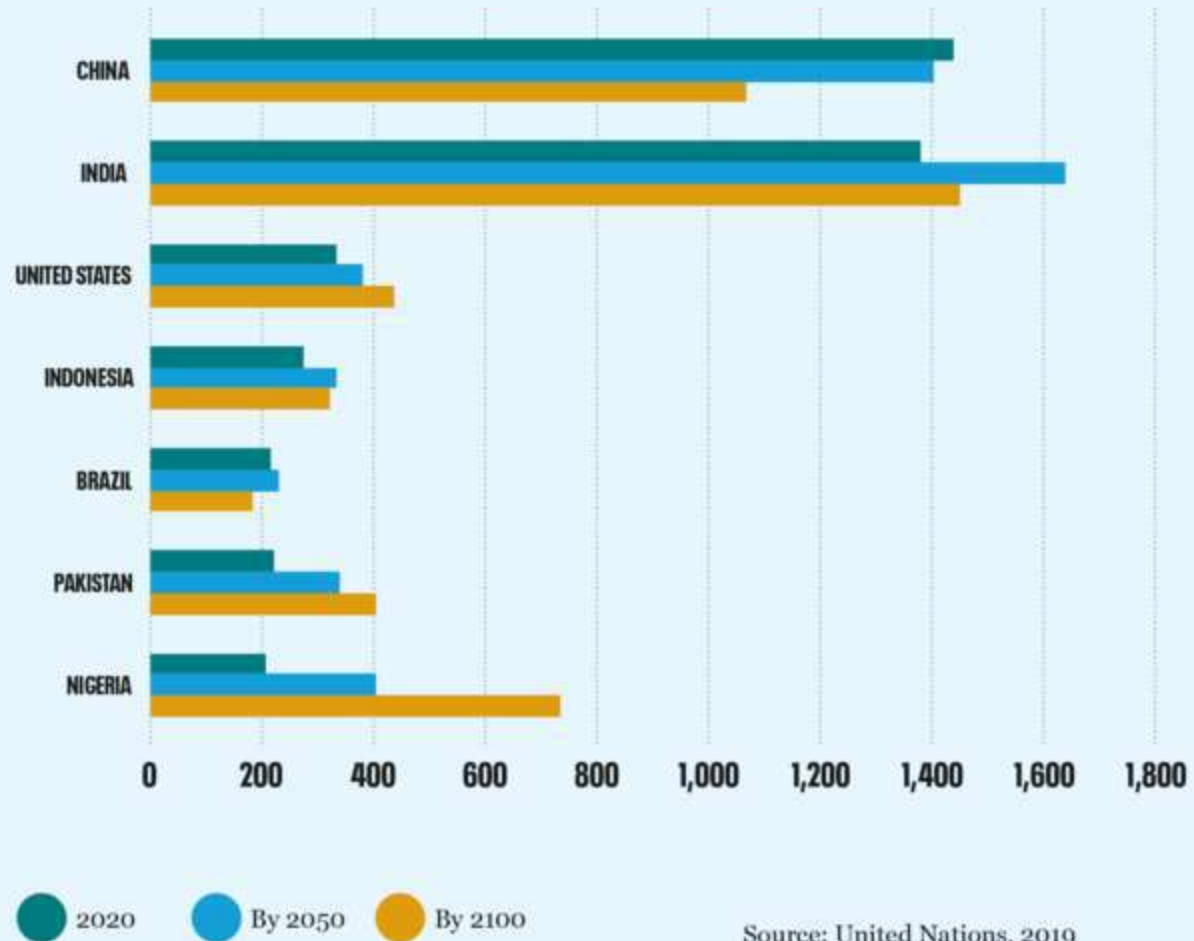
- All over the world population is expanding. Current population is more than 7.7bn. Ever year it is increasing by 80 million. As per the United nations latest median projection is a population of **9.7bn in 2050**.
- **When population increases, the requirements also get increased.**

POPULATION GROWTH BY CONTINENT, 2020-2100



Source: United Nations, 2019

MOST POPULOUS COUNTRIES 2020-2100 (MILLIONS)



Source: United Nations, 2019

URBANISATION

- Urbanization leads to environmental problems like, scarcity of land, pure water, solid waste disposal, development of slums and sewage disposal.
- Culture, ethics, social relations are also affected by urbanization.



POLLUTION AND NATURAL RESOURCES

- Environmental deterioration is high due to the negligence of Government, Industrialists and Public.
- Our natural resources like air, water, land, etc are polluted day by day. Oceans are the victims of industrialization and urbanization.

POVERTY

- Poverty and Environment are closely connected. Life of poor people are directly dependent on the natural resources for their basic needs like food, fodder fuel and shelter.
- Most of their livelihood is live stocks, which is vulnerably affected by environmental mismanagement.
- Environment degradation has adversely affected the status of poor who depend upon natural resources for their immediate needs.

GROUND WATER

- Like surface water, environmental issues will lead to scarcity of ground water. Leaching chemical fertilizers and pesticides, industrial effluents have polluted surface water and affected the quality of the groundwater.
- So this is high time to protect forests and mountains to maintain the water quality of rivers and other water bodies.

AGRICULTURAL LAND

- When population increases, needs also get increased. Agricultural land are converted to residential and industrial areas.
- Existing agricultural lands are polluted with insecticides and fertilizers.

DEFORESTATION

- Submerging of forests due to building of dams for hydroelectric power plants has led to displacement of local people, and damage to flora and fauna.
- Kindly think about western ghats and Madhav Gadgil Report.

INDUSTRIALIZATION AND DEVELOPMENT OF TECHNOLOGY

- We need industrialization and technological advancement. But it must be sustainable development oriented.

WE ARE CURRENTLY USING UP THE RENEWABLE RESOURCES OF
1.7 EARTHS — UNLESS THINGS CHANGE, WE'LL NEED THREE BY 2050



Source: Global Footprint Network

NEED OF ENVIRONMENTAL PROTECTION

- The above slides clearly mentioned the challenges of environment and we can easily understand why we have to protect our environment.
- If we are not taking effective steps to tackle the problems effectively, human life become miserable in the coming years.
- Global warming, scarcity of water, etc are the symptoms.
- Ignorance and lack of concern for the environmental issues pose hurdles in environment management.

NEED OF ENVIRONMENTAL PROTECTION

- Depletion of the natural resources and environmental degradation requires stringent action plan for environment protection.
- Every individual have their own role in keeping their environment neat, clean and eco friendly.

WHAT WE CAN DO

- Government policies
- Educational institutions
- NGOs
- Medias including social medias
- Campaigns and programs.
- Change of attitude.

INITIATIVES OF GOVERNMENT OF INDIA

- The Government of India with Ministry of environment, forest and climate change (MOEFCC) started many initiatives to protect our nature. Some of them are:
 - The 'Environmental Education, Awareness and Training (EEAT)
 - National Green Cops (NGC)
 - National Environment Awareness Campaign (NEAC)
 - Swach Bharat Abhiyan

The background is a solid teal color. In the four corners, there are decorative white line-art elements resembling circuit traces or neural network connections, with small circles at the end of the lines.

HOPE YOU HAVE CLEAR WITH THE IMPORTANCE OF
ENVIRONMENT PROTECTION

THANK YOU

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