



ECOLOGY AND ENVIRONMENT

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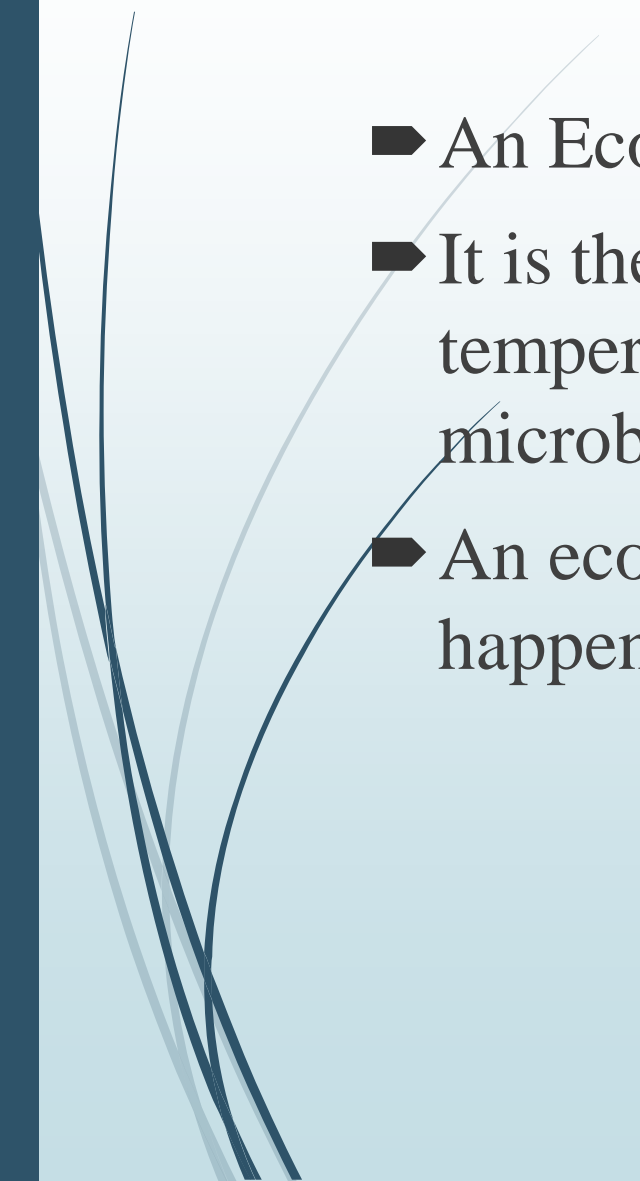
Ecology

- Ecology is the study of the relationship between organisms and their environment







Ecosystem

- An Ecosystem is the structural and functional unit of Ecology
 - It is the community where abiotic components (light, water, temperature, soil, air) and biotic components (plants, animals, microbes) interact with each other.
 - An ecosystem is not a place but a description of what is happening in a place.
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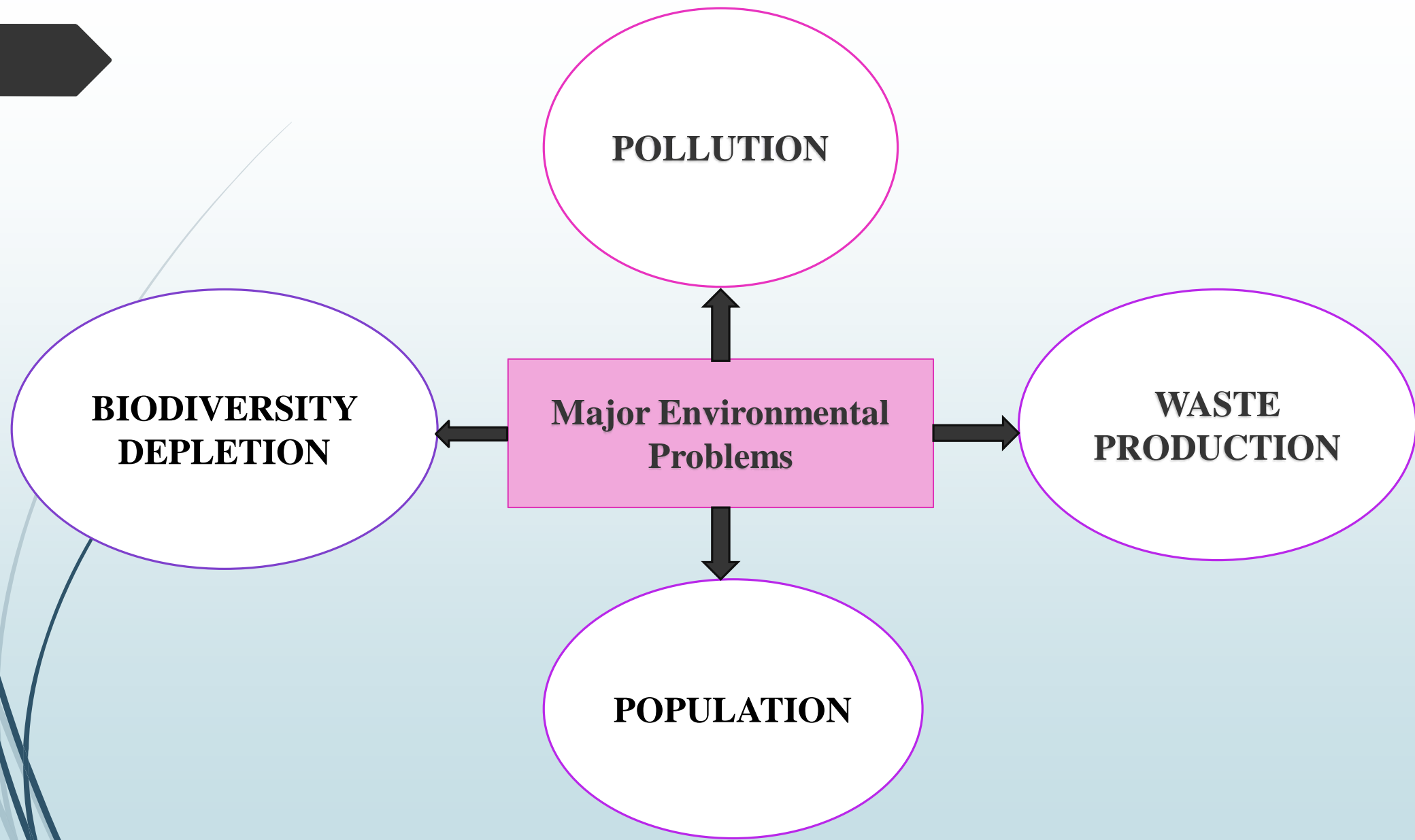
Environment

- ➡ an organism's surroundings, that is, the sum total of physical, chemical and biotic conditions surrounding and influencing the living organisms
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We study ecology to understand about the mutual relationship between organisms and their environment as both are interrelated and interdependent.

Any change in the environment affects the living organisms and vice versa.





Causes of Environmental Problems

- Little knowledge about Ecology, Ecosystem and its functioning
- Use of unsustainable and wasteful resources
- Excessive population growth



Solution

- Understanding of the Environment
- Judicious use of Resources, that is, practice of sustainability



Sustainability and Sustainable Development

- Sustainability is the ability to exist and develop without depleting the natural resources for the future
- and
- Sustainable development is the development that meets the needs of the present without compromising the ability of future generations to meet their own needs



How can we contribute to Environment Sustainability

- Understand that every organism needs other for peaceful coexistence and ecological balance is important

- ✓ Talk about Environmental issues with family and friends
- ✓ Support policies in community that promote environmental conservation and sustainable development



- ✓ Minimize waste
- ✓ Shift to Renewable Resources
- ✓ Adopt
 - Reduce Reuse Recycle



✓ Plant more trees



Thankyou