

# **Welcome to My Presentation**

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A close-up photograph of a person's hand holding a transparent glass globe. A small green plant with several leaves is growing out of the top of the globe. The background is a soft-focus green field. The text "Biodiversity And Conservation!" is overlaid in the center of the image.

**Biodiversity And Conservation!**

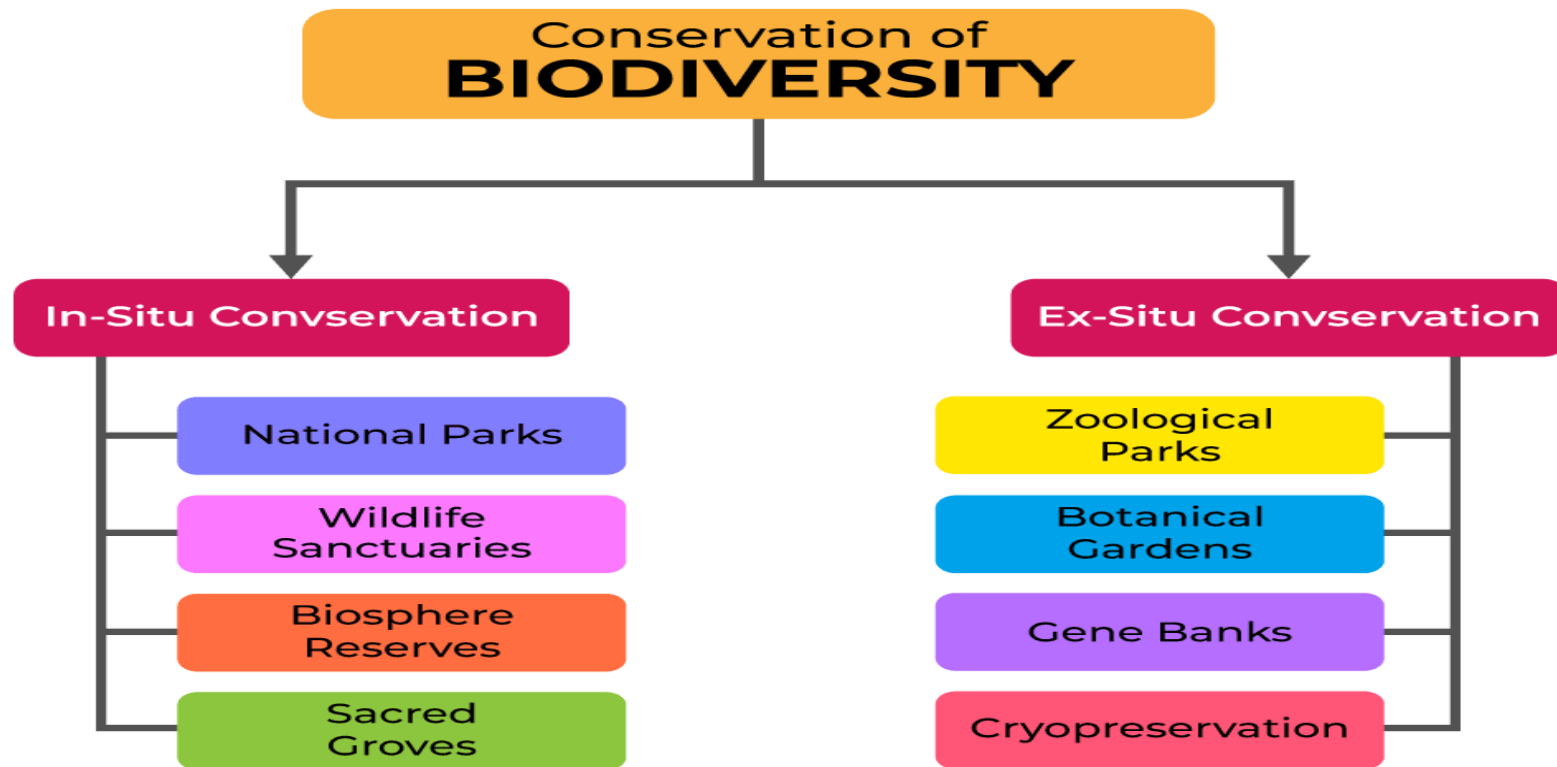
# Definition of Biodiversity

Biodiversity refers to the variety and variability of life on Earth, encompassing ecosystems, species, and genetic diversity. It is the foundation of ecosystem services that humans and other organisms depend on, such as food, clean water, air, and climate regulation. However, biodiversity is under constant threat due to human activities, including deforestation, pollution, climate change, and over-exploitation of resources.

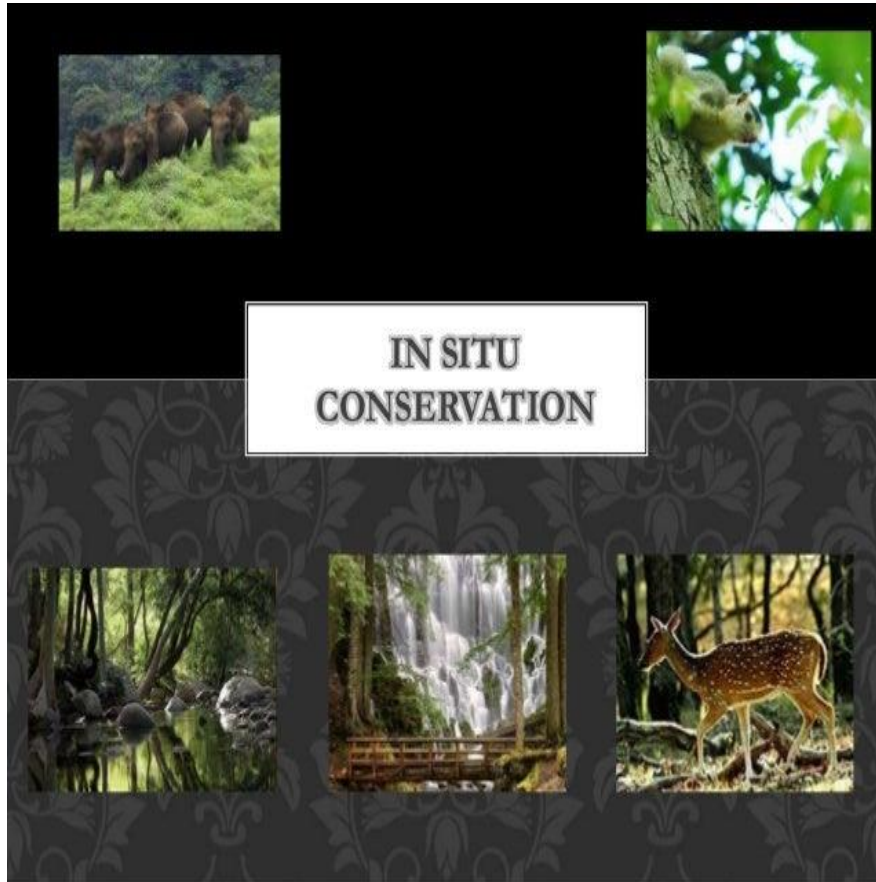
# Importance of Biodiversity

- Provision of Ecosystem Services
- Food Security
- Medicinal Resources
- Ethical and Cultural value
- Ecosystem Stability and Resilience

# Types of Conservation of Biodiversity



# In-situ Conservation



# Ex- Situ Conservation





# Importance of Conservation

- ✓ Preserving Biodiversity
- ✓ Sustaining Ecosystem Services
- ✓ Combating Climate Change
- ✓ Sustainable Resource Use
- ✓ Ethical Responsibility

# Causes of extinction

- ❑ Habitat Loss
- ❑ Climate Change
- ❑ Overhunting and Overfishing
- ❑ Pollution
- ❑ Invasive Species
- ❑ Disease





# Solution from Species Extinction

- Habitat Protection and Restoration
- Legislation and Enforcement
- Genetic Conservation and Biodiversity
- Corporate Responsibility

# Conclusion

Biodiversity is the foundation of life on Earth, providing essential services that sustain ecosystems, support human well-being, and maintain the balance of nature. From the air we breathe to the food we eat, biodiversity plays a critical role in ensuring the planet's health and the survival of countless species, including our own. However, biodiversity is increasingly under threat due to human activities such as deforestation, pollution, climate change, habitat destruction, and over-exploitation of resources. As species go extinct and ecosystems are degraded, the resilience of nature diminishes, making it harder for both wildlife and humans to thrive.