

that they are competent to apply their proficiency in the policymaking cycle.

- [GS Syllabus for UPSC](#)
- [GS 3 Syllabus](#)

The table illustrates a brief summary of the Environment Syllabus for UPSC Prelims and Mains. During last-minute practice, aspirants can revise these broad topics to cover the lengthy syllabus in a limited period of time.

UPSC Prelims	General issues on Climate Change, Biodiversity, and Environmental Ecology, – that do not need topic specialization in General Science
UPSC Mains	Paper-IV GS-III 250 Marks (Technology, Economic Development, Security and Disaster Management , Biodiversity, Environment)

Environment and Ecology UPSC Syllabus PDF

Students [preparing for the UPSC](#) exam must keep Environment [Syllabus for UPSC](#) PDF handy for future reference and practice. You must download the PDFs subject-wise so that it becomes easier to revise everything conveniently and on time.

Environment Syllabus for UPSC PDF

The PDF will be beneficial for you to cover the Environment syllabus well. Since a lot of questions are asked in the exam from this section, make sure you study the topics carefully and perform the final revision using the PDF.

Environment UPSC Syllabus: Overview

Your Initial preparation for the [UPSC exam](#) must begin with a meticulous knowledge of the Environment Syllabus for UPSC. Have a look at the elaborated syllabus categorized in the table below.

Topics	Sub-Topics
Environment and Ecology	Basic Understandings: Properties, Components of Ecosystem Levels of Organism; Categories, Components, and Features of Environment; Biotic and Abiotic Factors
	Biogeochemical Cycles: Nutrient Cycle;


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Gaseous Cycle

Types of Ecosystems:

Ecosystem Conservation;
Changes in the Ecosystem;
Terrestrial Ecosystem, Aquatic Ecosystem

Pollution:

Air pollution, Noise Pollution, Plastics Pollution, Radioactive Pollution,
Soil **Pollution**, Thermal Pollution, **Water pollution**

Land Degradation:

Soil Conservation, Problems due to Excessive Irrigation, Soil Erosion;
Sustainable Land Management, Desertification;
Causes and Impact of **Land Degradation**

Waste Management:

Biomedical Waste;
e-waste Management;
Hazardous Waste;
Solid Waste Management

Environmental Impact Assessment:

Need for **EIA**, EIA Cycle and procedure

Biodiversity

Basic Understandings:

Loss of **Biodiversity** and its causes;
Levels of Biodiversity, **Importance of Biodiversity**, Measurement of Biodiversity

Biodiversity Conservation:

Conservation Tools;
Conservation Strategies;
Ecologically Sensitive Areas (ESAs);
In-situ methods, Ex-situ Methods;
IUCN and **IUCN Red List**

Indian Biodiversity:

Flora and Fauna Diversity, Indian **Wildlife**;
Indian Bio-Geographical Classification

Threatened Species of India:

Critically Endangered Species of India;
IUCN Red Data Book Categories



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	Biodiversity Laws, Policies, and Programmes; Biodiversity Convention and Protocols
Climate Change	Basic Understandings: Greenhouse Gases and Green House Effects; Global warming and its Potential; Ozone depletion; Ocean Acidification
	India and Climate Change: Mitigation Strategies; Climate Change in India
	Climate Change Organizations: Intergovernmental Panel on Climate Change; UNFCCC and its mechanism; Kyoto Protocol (2nd Commitment); IPCC Reports ; Conference of Parties
Other Related Topics	Different Environmental Institutions and their measures; Environmental Organizations ; Environment Issues and health effects; International Organizations and Conventions; Important Acts and Policies

Environment Syllabus for UPSC Prelims: Weightage

The importance of the Environment topic is that **it comprises around 25-30%** of the GS paper 1. You can observe more questions from this section in the **UPSC Prelims** exam. Following are the number of questions asked from the Environment Syllabus for UPSC Prelims over the last ten years (2012-2021).

Year	Number of Questions Asked in Prelims
2021	15
2020	10
2019	11
2018	13
2017	15



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