

ENVIRONMENTAL SUSTAINABILITY AND WASTE MANAGEMENT

INTRODUCTION

Environment and Sustainability brings together academic, research, and practice-based engagements with questions of sustainability and the environment across a wide range of perspectives and disciplines, from law, history, political science, and philosophy to climate science, hydrology, and forestry. The schools which are engaged in such activities will be part of this sustainability to project our environment and apply sustainable Projects for our future.



Environmental Sustainability is a multi-disciplinary, quarterly, peer reviewed journal focused at maintaining and sustaining the quality of our planet through biological and eco-friendly methods. The journal will cover original research articles, short communication, reviews, mini reviews and scientific opinions/commentaries in the field of Environmental Science, Microbiology, Biotechnology, Biochemistry, and Agriculture Sciences which report findings related to sustenance and remediation of ecosystems. The journal will target contemporary issues such as biodegradation, bioremediation, reclamation of barren/ stress systems, combating climate change, green fuels, sustainable agriculture, organic food production.

Sustainable waste management aims to keep materials in use for as long as possible and minimize the amount of solid waste that is disposed of in landfill or through incineration. However, in our existing linear economy, waste begins even before products are manufactured, and a more in-depth approach to sustainable waste management must focus on the entire lifecycle of a product to enable us to help reduce the negative environmental, social, and financial impacts of 21st-century consumption.

The question then, of what exactly is sustainable waste management, is important if we are to refine and improve our existing waste management systems. Whether focusing on waste reduction at end-of-life or designing waste out of the production cycle at the conceptual stage, new waste management practices are required to effectively deal with existing waste streams while also reducing the amount of waste at the same time.



CONTENT

Day 1

- The Earth System
- Environmental Problems
- Sustainable Development and the Environment

Day 2

- Approached to Environmental Sustainability
- Making Change for Our Planet's Future
- Raising Awareness About Environmental Problems

Day 3

- How to Plan Environment Issues at Schools.
- How to Be an Eco-Friend School.
- Fundamentals of Waste Management

Day 4

- EU-Waste Management Strategies & Organization
- Waste inventory and characterization of wastes
- Measures for prevention, treatment, utilization

Day 5

- Case-studies
- Closure and Certification



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OUTCOMES

After completing this course you'll be able to:

- Explain the science and principles of environment and climate change
- Discuss how sustainability is achieved in business, schools, universities and our lives
- Analyse how sustainability concerns, governmental objectives and strategic business goals have become interlinked
- Explore key concepts, terminology and tools used to analyse sustainability
- Reflect on how to take action in your own life to contribute to sustainability.
- Environmental policy.
- Objectives and Targets.
- Pollution prevention.
- Environmental aspects and impacts
- Environmental legislation
- Sources of information and further development.

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