

Central Luzon State University
Science City of Muñoz 3120
Nueva Ecija, Philippines

Instructional Module for the Course
Soils1100 - PRINCIPLES OF SOIL SCIENCE

Module 1 - Introduction to Soil Science

Overview

In this module, basic principles and concepts regarding functions of soil resource, its genesis and formation, the dynamism of its composition, and profiling will be discussed. It also introduces the relationships of soil to current concerns in sustainable agricultural land use and upholding the environmental quality of agroecosystem. This course inculcates the awareness of soil utilization that can lead to conservation or degradation as a natural resource. Management practices in this resource has a considerable influence not only on human society but the life in general.

The topics that will be discussed in this module are as follows;

- Importance and functions of the soil as a natural resource
- Definition and composition of soil
- Soil Genesis: Soil Formation and development
- The study of soil profile

I. Objectives

On successful completion of this module, students will be able to;

1. Link the importance of soil in its different functions as a resource.
2. Inculcate the basic foundation of soil as a body of science in agricultural environment.
3. Understand the process of soil formation and its function in soil science.
4. Explain the development of soil based on pedogenic approach as part of the geologic processes.

Introduction To Soil Science Course Outline

Huangqi Zhang



Introduction To Soil Science Course Outline:

This book delves into Introduction To Soil Science Course Outline. Introduction To Soil Science Course Outline is a vital topic that needs to be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Introduction To Soil Science Course Outline, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
 - Chapter 1: Introduction to Introduction To Soil Science Course Outline
 - Chapter 2: Essential Elements of Introduction To Soil Science Course Outline
 - Chapter 3: Introduction To Soil Science Course Outline in Everyday Life
 - Chapter 4: Introduction To Soil Science Course Outline in Specific Contexts
 - Chapter 5: Conclusion
 2. In chapter 1, the author will provide an overview of Introduction To Soil Science Course Outline. The first chapter will explore what Introduction To Soil Science Course Outline is, why Introduction To Soil Science Course Outline is vital, and how to effectively learn about Introduction To Soil Science Course Outline.
 3. In chapter 2, this book will delve into the foundational concepts of Introduction To Soil Science Course Outline. The second chapter will elucidate the essential principles that must be understood to grasp Introduction To Soil Science Course Outline in its entirety.
 4. In chapter 3, this book will examine the practical applications of Introduction To Soil Science Course Outline in daily life. This chapter will showcase real-world examples of how Introduction To Soil Science Course Outline can be effectively utilized in everyday scenarios.
 5. In chapter 4, this book will scrutinize the relevance of Introduction To Soil Science Course Outline in specific contexts. This chapter will explore how Introduction To Soil Science Course Outline is applied in specialized fields, such as education, business, and technology.
 6. In chapter 5, the author will draw a conclusion about Introduction To Soil Science Course Outline. The final chapter will summarize the key points that have been discussed throughout the book.
- The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Introduction To Soil Science Course Outline.

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