

## CHAPTER 2

# ENVIRONMENTAL SCIENCE AND OTHER RELATED FIELDS

### LEARNING OBJECTIVES:

At the end of this unit, the students will be able to:

1. Enumerate the specific goals of environmental education;
2. Differentiate the philosophical approaches to environmental ethics;
3. Relate the connection of environmental studies with environmental education.

## ENGAGE EXPLORE EXPLAIN

**Activity:** "Check Your Connections"

**Assessment:** Formative

**Instruction:** Input this to your portfolio.

**REFLECTIVE QUESTION:** As a (indicate your degree program and major here e.g. BSED Values Education) student, how can you communicate Environmental Science to a variety of audiences including policy-makers, the public, colleagues, co-students, and other people coming from different disciplines?

**Activity:** Lecture

**Time allotment:** 4 hours

**Instruction:** Read carefully and understand the lecture notes on Chapter 2: Environmental Science and Other Related Fields. Take down notes on things that needed further clarification.

Lecture notes are provided in this module.

## INTRODUCTION

Environmental Science looks into how the natural world works. It would also like to know and understand how the environment affects humans and vice versa. It helps us understand our relationship with the environment and informs our attempts to solve and prevent problems. Also, ES can help us find balanced solutions to environmental problems for sustainable development. Further, looking into related fields of ES would enhance our knowledge and help us in addressing current environmental issues and concerns.

## ENVIRONMENTAL EDUCATION

One which is given emphasis today is the protection of our environment. Concerns and issues on changes of the environment are now highly affecting man's life. Environmental science has become a global concern. People are looking and demanding better protection of environmental quality. Looking at the place we live in, we encounter two worlds, one which is the natural world and the other is the social institutions and artifacts.

**Environmental Education (EE)** refers to the organized efforts to teach how natural environment functions, specifically, how human beings can manage their behavior and ecosystems to live sustainably.

It can also be defined as a process by which people develop (1) awareness, (2) concern and knowledge of the environment, and (3) learn to use this understanding to preserve, conserve and utilize the environment in a sustainable manner for the benefit of present and future generations. It

# Environmental Science Chapter 2

**Michael Seilmaier**



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