
Mekdela Amba University

College of Social science and Humanity

Department of Geography and Environmental Studies

Course module- *Environmental Studies*

Course Title- Environmental Impact Assessment

Course Code-**GeES3112**

Instructor: *Belachew A.*

Academic year -*2019/20, 3rd year GeES*

Course descriptions

This course is designed to introduce students of geography and environmental studies and other development related programs with the interaction between environment and development activities, the issue of sustainable development, the way how to make development sustainable, the concept of environmental impact assessment, its purpose, benefit and procedures in undertaking EIA. The course requires the integration of theories and examples with the practical situation of our country. It requires students to relate all the discussions in the classroom and the literature with the real cases in our country.

Course objective- At the end of the course students will be able to:

- Understand the concept- environmental impact assessment and sustainability;
- Understand and analyze the interdependence between sustainable development and environmental impact assessment;
- Explain the procedures involved in environmental impact assessment;
- Justify the importance of sustainable development;
- Appreciate the importance of Environmental Impact Assessment;
- Develop skills of local problem identification

Chapter –one -Introduction

1. General Introduction to Environment

1.1. Sustainable Development

1.2. Environmental mainstreaming

Chapter -Two- Environmental Impact Assessment

2.1. EIA: Basic concept, Purpose and Benefit.

2.2. EIA Procedure

2.2.1. Prescreening consultation and Screening

2.2.2. Scoping and public involvement

2.2.3. Environmental Impact Study

- * Impact Identification

- * Impact Analysis

- * Consideration of alternatives

- * Preparation of Impact Management Plan and contingency plan

2.2.4 Mitigation

2.2.5 Reporting

2.2.6. Reviewing

2.2.7. Decision Making

2.5.8. Monitoring

Chapter Three - Environmental Impact Statement and Environmental Auditing

Evaluations Methods

Test -1.....	15%
Test -2.....	15%
Project work.....	20%
Final exam.....	50%
Total.....	100%

Course policy

All students are expected to come to the class on time except uncontrolled conditions. In every aspect of the teaching learning processes students are expected to abide by the code of conduct of students according to the respective Universities Legislation. Any types of academic dishonest will not be tolerated. Students are advised to actively participate in classes. Different methods (approaches) will be used from lectures to discussions. You can raise questions and other comments in the classroom and out of the classroom. I strongly advise you to do any assignments (written or reading) that will be given on each unit. You must be ready for participation in each period.

Note on attendance and participation: You are expected to attend class regularly. Attendance and participation will have its credit. **Student should sign in each period, signing for others are strongly intolerable! If you miss more than 85% of the class attendance you will not sit for final exam. Be on time for class.** You could not be allowed if you are late more than five minutes. During the lecture questions will often be asked and your active participation in the class is essential. Cell Phones: Cell phones must be turned off before entering the class as they are disruptive and annoying to all of us in the class. So, make sure your cell phone is turned off before entering the class. You are responsible for all class announcements and changes. All issues discussed in class or derived from other sources (where I provided you to read) may be the subject of assignment, tests or final exam question items. You have to read the reference

materials that are indicated in the course guide book. You are also expected to present in class on topics that you will be provided.

Reference

1. Anjaneyulu,Y.(2007) Environmental Impact Assessment Methodologies (2nd ed) BS Publication.
2. Environmental Impact Assessment Procedural Guideline (2003). Environmental Protection Authority, Addis Ababa.
3. Environmental Impact assessment proclamation no. 299/2002 Marsh, W.M. and Grossa, J.M. (2002).
4. Environmental Geography: Science, Land Use and Earth Systems (2nd ed). John Wiley & Sons. New York. Mannion, A.M. and Bowlby, S.R. (1992).
5. Environmental Issues in the 1990s. John Wiley& Sons. New York.
6. Review of the Application of Environmental Impact Assessment in Selected African Countries (2005). Copyright Economic Commission for Africa Todaro, M.P. and Stephen, C.S. (2003). Economic Development. (8th ed). Addison Wesley. SanFransisco.