

**SEMESTER-IV      SPECIALIZATION: REGIONAL PLANNING**

**GEOG. 677:      ENVIRONMENTAL PLANNING AND MANAGEMENT      3(3-0)**

**Course Objectives**

This course imparts the knowledge to assess and manage environmental issues during every phase of the project with outlining policies and procedures for sustainable development.

**Learning Outcomes**

On completion of this course, students are expected to be able to minimize the risk of costly, time-consuming environmental issues, and while maximizing productivity, bottom-line performance and quick response to any crisis for the safety of the community.

**Course Outline**

**1. Introduction**

- Concept, aspects, scope & status and theories

**2. The Environment**

- Concept, structure, & components
- Interaction; Geography & environment, man & nature, environment & society, environment and resources

**3. Approaches to Man - Environment Relationships**

- Deterministic
- Teleological
- Possibilistic
- Economic and ecological

**4. Resource Management:**

- Concept, Classification, approaches to resource management.

**5. Sustainable Development**

- Concept and dimensions
- Principles and control policies, carrying capacity
- Global and local challenges for sustainable development

**6. Managing Human Environment Interaction**

- Environmental Planning, common themes, problems, planning process and factors affecting environmental planning-Natural, cultural and technological.
- Environmental Management: Participants' role (Horizontal and Vertical participatory approaches).

**7. Global concerns and Efforts for Environmental Control**

- Global environmental problems
- Role of International and Private agencies in controlling global environmental problems in general and Pakistan in particular.
- Global efforts: legislation, Rio summit, Agenda 21, WSSB, NEPA, WCS, MPM 1987, IPCC, Kyoto Protocol, WSSD, WCED, Toronto summit, 2nd Earth Summit.

**8. The Role of a Planner in Development Planning and Environmental Conservation**

- Planner's Role as technician,
- Information source
- Facilitator of public involvement
- Builder of community support
- Champion of citizen empowerment

- Regulator, negotiator and mediator of conflicts.

**Recommended Books**

1. Christopher Madu (2006) "Environmental Planning and Management" Amazon Co
2. Simon Dresar (2002) "Principles of Sustainability", Amazon Co, UK.
3. Roma, M. (2002) "Environmental Management and Awareness Issues" Sterling, Delhi.
4. Christopher J. Barrow (1999) "Environmental Management: Principles and Practice", Routledge Publ.
5. Asian Development Bank (1998) "Environmental Planning Theories"
6. Cummingham (1995) "Environmental Science: A Global Concern", WMC Brown Communication, Inc.
7. Nimponu, K (1989) "Disaster and Social response", ITC, Netherlands
8. Sassing Savendra (1983) "Environmental Management; new Dimensions" India.