



**Department of Planning,**  
**Lecture Plan, Odd Semester, AY 2024-25**

<b>Name of Course:</b>	<b>B.Planning</b>
Subject Name:	Environmental Planning & Management (BPLN315)
Year & Sem:	III Year V Sem
Course Duration:	Jul 22, 2024 to Nov 14, 2024
Course Coordinator:	Prof. Dr. Ayon K Tarafdar
Number of Credits:	03
Subject Category:	Theory
Total Periods/Week:	03
Internal Assessment	50
End Evaluation	50
Total Marks	100 (to be converted to CGPA credit pattern as per regulations)
Total No. of Internal Assessment & Mode	03 Min (Written Test / Open Book Assignment / Literature Review / Written Debate / Presentation with Report)

**Subject Objective:** Detailed understanding of traditional and contemporary Theories, Tools and Concepts related to Environmental Planning as a specialised approach towards undertaking general urban and regional planning.

Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Unit and Assignment
Week 1 (22 July)	Meaning and scope of term 'Environment' and its general awareness components; Interrelations between man, environment and ecosystem; why we need to study environment	I
Week 2 (29 July)	Discussion on 'Environmental Planning' and 'Environmental Management' - approaches to dealing with environmental resources	I & II
Week 3 (05 Aug)	Categories of Environmental Problems – Green Vs Brown	II
Week 4 (12 Aug)	Components of environmental planning; process and key tools – 1 (basics – land suitability analysis)	II
Week 5 (19 Aug)	Internal Assessment I	Internal Assessment I
Week 6 & 7 (27Aug - 08 Sept)	Field Trip	
Week 8 (09 Sep)	Tragedy of Freedom to Commons & Overshoot and Industrial Growth Dynamics	II & III
Week 9 (17-21 Sep)	Mid- Semester Assessment week	
Week 10 (23 Sep)	Understanding the evolution of Global Environmentalism as a Movement – I (classic & modern environmentalism)	II & III
Week 11 (30 Sep)	Understanding the evolution of Global Environmentalism as a Movement – II (postmodern environmentalism)	II & III
Week 12 (07 Oct)	Habitat and Bio-diversity; significance of bio-diversity; Concept of 'Ecological Niche' and Species Interaction, Impact on Environment and its Measurements	IV
Week 13 (14 Oct)	Components of environmental planning; process and key tools – 2 (Ecosystem Services and their Valuation)	IV and V
Week 14 (21 Oct)	Components of environmental planning; process and key	V



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	tools – 3 (Ecosystem Services and their Valuation)	
Week 15 (28 Oct)	Frontiers in Environmental Assessments (Concepts of Energy Audit, Footprints Analysis, Climate Change and Cities)	V
Week 16 (04 Nov)	Internal Assessment-III	Internal Assessment III
Week 17 (11 Nov with 14 Nov as end of class work)	Finalisation of Internal Marks and Revisions	

**Reference books:**

1. Murck, B., 'Environmental Science'. John Wiley & Sons. 2006. (Chap 1, 4, 5, 6) (BOOK)
2. William B H. (2010): Ecologically Based Municipal Land Use Planning. CRC Press. Washington.
3. McGranahan G, Satterthwaite D (2000). 'Reconciling the Brown and Green Agendas in Urban Development' in Pugh C (ed). Sustainable Cities in Developing Countries. London, Earthscan.
4. Lein James., 'Integrated Environmental Planning'. Blackwell Science. 2013. (chap 4, 5, 7) (BOOK)
5. Hardin G., (1968) "The Tragedy of the Commons". In Science Vol 162. (ARTICLE)
6. Meadows et al (2004): Limits to Growth- A 30 years update Chelsea Green Publishing. (Chapter 2) (BOOK)
7. Gadgil, M. & Guha, R. 'Ecological Conflicts and the Environmental Movement in India'. Development & Change. Blackwell Publishers. 2004. (ARTICLE)
8. Myllyla S. & Kuvaja K., 'Societal premises for sustainable development in large southern cities'. In Global Environmental Change 15. Elsevier. 2006. (ARTICLE)
9. Allaby, M., 'Basics of Environmental Science'. Routledge. 2003. (Chap 4, 5, 6) (BOOK)
10. Millenium Ecosystem Assessment Report 2000.
11. Wackernagel and Ress (2009): Our Ecological Footprints. NSP. (Chapter 1&2) (BOOK)

**Note:**

1. Any other closed holidays as declared by SPAV shall supersede the above lecture plan. Holidays shown above may alter as per Notice from time to time.
2. Assessment Sessions may be re-scheduled, with prior intimation.
3. Reading lists provided is not exhaustive and is subject to addition – students are advised to follow progression of class to keep abreast of the new reading lists, if any.

Special Lecture, if req', will be announced  
in consultation with identified expert.  
Proposal will be put up shortly. 