

RURAL LANDSCAPE PLANNING & DESIGN

Assoc. Prof. Dr. Meltem Erdem Kaya
erdemme@itu.edu.tr, erdemmel@gmail.com
Office: Taşkışla no 120E

Content

Natural areas, protected areas, industrial and agricultural landscapes, degraded areas, interaction of function and structure in rural landscapes, Purpose and development of rural landscape planning and design, decision making related to recreation based rural landscape planning, survey and analysis of rural landscape, diagnosis and prognosis of landscape, land suitability analysis in land selection, planning and design examples with regards to recreation, nature protection and restoration in rural areas are general topics.

Evaluation

Mid-term Requirement : 1 Mid-term exam, 1 Assignment, Attendance (%80)
Mid-term threshold 40/100
Mid-term exam %25
1 Assignment %35
Final exam%40

*Students who fail to meet the specified mid-term requirements and fall below the midterm achievement score are considered not fulfill the final exam requirements. In this case final grade is assigned as "VF".

Group Seminar / Groups seminars are organized to include students to the theoretical framework of the class. Each group has the responsibility to give a talk about an assigned issue for the specified date.

Assignment / Landscape Strategy for Sustainable Future of Çatalca-İstanbul

Term assignment includes examination of rural character of Çatalca, İstanbul and development of landscape strategies for the sustainable future of Çatalca. The project includes three steps: Landscape Analysis, development of a Landscape Strategy and a development of a Rural Landscape Plan. Working groups will propose landscape based strategies based on current tendencies, planning policies, local character as a basis for future projections for Çatalca. Group presentations will be made during the semester and a strategic landscape plan will be submitted with the final exam.

Schedule

Week	Date	Topics
1	10.02	Introduction to Rural Landscape Planning
2	17.02	Terminology / Nature, Culture and Landscape / Landscape Change / Rural Landscape / Natural Landscape and Components /Cultural Landscape
3	24.02	Rural Landscape & Elements / Landscape Conservation/ Definitions / Policies
4	02.03	Rural Analysis/ Landscape Character / Landscape Character Assessment
5	09.03	Rural Landscape Planning Methods & Theories- Ecological Planning
6	16.03	Topics in Rural Landscape / Forest Landscape / Agricultural Landscape and Rural Settlements
7	23.03	//// MID-TERM EXAM
8	30.03	SPRING BREAK
9	06.04	FIELD TRIP
10	13.04	Seminar on İstanbul's rural landscape change Wetlands and Landscape Planning / Rural Studio
11	27.04	Planning principles for rural recreational resources /Rural Studio
12	04.05	Landscape Reclamation & Restoration of Degraded Rural Landscapes: Mining Areas, Landfills, Industrial Lands / Rural Studio
13	11.05	Rural Studio / Case: Çatalca Landscape Group Presentations 1-2
14	18.05	Rural Studio / Case: Çatalca Landscape Group Presentations 3-4

Reference List

- Antrop, M., 2000. Changing Patterns in the Urbanized Countryside of Western Europe, *Landscape Ecology*. Vol **15**, pp. 257-270.
- Antrop, M., 2002. Landscape Change and The Urbanization Process in Europe, *Landscape and Urban Planning*. Vol **67**, pp. 9-26.
- Antrop, M., 2004. Rural – Urban Conflicts and Opportunities, in *The New Dimensions of the European Landscapes*, pp.83-91, ed. Jongman, R.H.G., Dordrecht: Springer.
- Brandt, J., Holmes, E., Skriver, P., 2001. Urbanisation of the Countryside: problems of interdisciplinarity in the study of rural development, in *Conference on the open space functions under urban pressure*, pp.19-21. Ghent.
- Bishop, K. and Philips, A. 2004. *Countryside Planning: New Approaches to Management and Conservation*. Earthscan.
- Countryside Agency, 1993. Scottish Natural Heritage, Landscape Character Assessment, Guidance for England and Scotland.
- Curry, N., *Countryside Recreation, Access and Land Use Planning*, E&FN SPON
- Çetiner, A., 1990. *Kırsal Yerleşmeler ve Fiziki Düzenleme İlkeleri*, İTÜ Mimarlık Fakültesi Yayınları, İstanbul.
- Darrel, B. et al. 1986. *Reclamation and vegetation restoration of problem soils and disturbed lands*. Noyas Data Corp.
- Dirik, H. 2005. *Kırsal Peyzaj: Planlama ve Uygulama İlkeleri*, İstanbul Üniversitesi Yayını.
- Hart, J.F. 1998. *The Rural Landscape*. John Hopkins University Press.
- Kendle, T. and Forbes, S. 1997. Urban Nature Conservation: Landscape Management in the Urban Countryside. Taylor & Francis.
- Le Du Blayo, L. 2011. How Do We Accommodate New Land Uses in Traditional Landscapes? Remanence of Landscapes, Resilience of Areas, Resistance of People. *Landscape Research*, 36:4, 417-434.
- Marsh, W. 2010. *Landscape Planning. Environmental Applications*. Wiley.
- Morris, Joe et.al. 2001. *Rural Planning and Management*. Edward Elgar Pub.
- Neuman, M. 2000. Regional Design: Recovering a great landscape architecture and urban planning tradition. *Landscape and Urban Planning* 47: 115-128.
- Richards, I.G., Palmer, J.P., Barratt, P.A. 1993. *The reclamation of former coal mines and steelworks*, Elsevier.
- Selman, P. 2006. *Planning at the Landscape Scale*, Routledge.
- Turner, T. 1998. *Landscape Planning and Environmental Impact Design*, UCL Press.
- Uso, J.K., Patten, B.C., Brebbia, C.A. 2003. *Multifunctional Landscapes*. WIT Press.