

ITU - GRADUATE EDUCATION INSTITUTE- GEOMATICS PROGRAM

GEO524E- “LAND MANAGEMENT” COURSE TERM PROJECT



PURPOSE: The purpose of this assignment is to contribute to basic development at any country/region/province level; with to design and present a "**Land Management Model**" that aims to determine local-based land policies and consists of land development strategies. The assignment work will consist of two stages: **i) reporting** and **ii) presentation**. Based on this:

- i) **Report** work; current socio-economic situation analysis of the responsible region, especially sectoral-based (property, agriculture, industry, trade, tourism, transportation, cultural and natural assets, urban and rural life, etc.) land use potentials of the region, SWOT analyses, vision for the land development of the region and mission-related political goals and the design and planning approaches required to achieve these goals (considering the technical, legal and institutional dimensions separately and together), the implementation phase and the land objects, techniques and methods envisaged to be used at this stage, and the necessary post-implementation requirements with a view to the Sustainable Development targets. It should include information about what the control and inspection mechanisms may be. In the conclusion part, with an approach that summarizes the entire report, it should be possible to concretely present in an integrated structure what kind of changes and gains can be achieved in a country/regional sense with such a model.

Report: Excluding attachments, the report should not exceed 50 pages (A4-Times 12 points, 1.15 line spacing, left-right-top-bottom 2.5 cm margins) and should be supported by *references, tables, figures, graphs* and *map* examples. The report must be prepared in “**English**” and delivered online in (**LMProject.pdf**) file format via the “ninova” system on time.

- ii) **Presentation** work: It is in the form of a summary of the prepared report and will be prepared in “**English**” and presented in class in accordance with the calendar to be announced. The presentation is kept around 30 slides and there will be a max 15-minute presentation time for the project. The presentation should be uploaded online via the “ninova” system in (**LMpowerpoint.ppt**) file format, within **1** week following the presentation at the latest.

***Note: Project regions and presentation dates will also be announced via “ninova”.**

Resources that can be used within the scope of homework.

- Turkey's five-year development plan reports: <http://www.sbb.gov.tr/kalkinma-planlari/>
- Websites of Governorships and Municipalities,
- TÜİK (Turkish Statistical Data) data,
- General Directorate of Geographic Information Systems www.atlas.gov.tr website
- General Directorate of Mapping www.atlas.harita.gov.tr website
- For SWOT analysis <http://sbpturkiye.com/swot-analizi.html>
- <https://rightwayforestry.com/land-management-process/>
- [FAO Sustainable Land Management](http://www.fao.org/land-portal/)
- Lecture notes <http://ninova.itu.edu.tr/Ders/4940/Dosyalar>