Subject: Land Management	***Neptun code:*** ***AGKLM0KBNE***	***Number of lessons/weeks:*** 2
Credit: 3 ***Requirement:*** mid-year degree	***Prerequisits:*** -	
Lecturer: Dr. Katona János	***Position:*** senior lecturer	***Institute name:*** Óbudai Egyetem Alba Regia Műszaki Kar, Geoinformatikai Intézet

Assessment and verification procedures: Preparation and presentation of a theoretical test and an assignment. Determining the mid-year ticket: 40% test; 60% task to be submitted

Material:

Goal:
The aim of the course is to present the sustainable use and development of land resources at different planning levels.

Topics:

- Principles and criteria for sustainable land management
- Geospatial technologies in land resources mapping
- Land use planning
- Sustainable agriculture
- Property policy guidelines.
- Land administration systems
- Land tenure and access to land
- GIS applications in land and property management

Competence:

The students of this course have knowledge about the Land Management topics in an international context.
The students can present selected topics in land management based on a review of the literature. They can discuss and support the chosen topic within a group.

Bibliography:

required literature:
S. Kapur - H. Eswaran - W. E. H. Blum (Eds.), Sustainable Land Management, Learning from the Past for the Future, Springer-Verlag Berlin Heidelberg, eBook ISBN 978-3-642-14782-1, 2011, 415p
recommended literature:
Obi Reddy, G. P., Singh, S. K. (Eds.), Geospatial Technologies in Land Resources Mapping, Monitoring and Management, Springer International Publishing, eBook ISBN 978-3-319-78711-4, 2018, 638 p
Mander, Ülo, Wiggering, Hubert, Helming, Katharina (Eds.), Multifunctional Land Use Meeting Future Demands for Landscape Goods and Services, Springer-Verlag Berlin Heidelberg, 2007, eBook ISBN 978-3-540-36763-5, 422 p