Name of the subject: Sustainable land management

Teachers: dr Miodrag Zlatić, dr Mirjana Todosijević; Assistant: Katarina Lazarević

Status of the subject: elective

ECTS: 5

Condition:

Subject objective

Introducing students to methods and ways of studying sustainable land resource management, with a review of issues, approaches and techniques

Outcome of the subject

Ability of students to choose adequate models of sustainable land resource management in the specific conditions of the investigated area.

Content of the subject

Levels of intervention and activities in the multiple approach of participatory groups in sustainable land management; Community based natural resources management; International Legal and Institutional Regimes for Soil; Initiatives Relevant to Soil (Forest Principles; International Covenant on Environment and Development; Selected legal and institutional elements for disadvantaged people); Management procedures for sustainable use of soil; Education/training in the sustainable use of soil;

Concretisation of sustainable land management in a particular area: (1) **sociological principle**: satisfying the needs of the population for certain production lines (surveys, interviews); (2) **economic principle**: achieving profitability and long-term economic effects (application of "benefit cost" analysis); (3) **ecological principle**: the established production, or the way of land use is sustainable if land losses are below tolerant boundaries.

Practical work: development of a model of sustainable land resource management in a specific area

Proposed literature

1. Grazia Borrini-Feyerabend, M. Taghi Farvar, Jean Claude Nguinguiri and Vincent Awa Ndangang (2007): Co-management ofNaturalResources, Kasparek Verlag, Heidelberg
2. Ilić, B., Mihajlović, D. (2017): Upravljanje prirodnim resursima, održivost i zaštita, Megabiznis 1/1.
3. World Bank (2008): Sustainable Land Management – Source book, Agriculture and Rural Development
4. Editor: Zlatic, M. (2010): Global Change - Challenges for Soil Management, Advances in Geoecology, Volume 41, Catena Verlag, Reiskirchen.
5. Editors: Zlatić, M. and Kostadinov, S. (2014): „Challenges: Sustainable Land Management – Climate Change“, ADVANCES IN GEOECOLOGY 43, A Cooperating Series of the International Union of Soil Science (IUSS), ISBN 978-3-923381-61-6, US-ISBN 1-59326-265-5, CATENA VERLAG GMBH, Reiskirchen.

Number of classes of active teaching:	**Theoretical teaching:**		
Methods of teaching:			
Knowledge rating (maximum points 100)			
Pre-exam obligations:	**Points**	**Final exam:**	**Points**
Activity during lectures	20	Written exam	
Practical teaching		Oral exam	60
colloquium			
Seminar	20		