



“Gheorghe Asachi” Technical University of Iasi, Romania



INTEGRATING SUSTAINABILITY THINKING AND ENVIRONMENTAL ISSUES IN ENGINEERING MASTER CURRICULUM

**Dumitru Onose, Gheorghe Badea, Ana-Cornelia Badea*, Caius Didulescu,
Adrian Savu, Tudorel Clinci**

Technical University of Civil Engineering Bucharest, Faculty of Geodesy, Surveying and Cadastre Department, Romania

Abstract

In the context of sustainable development and the impact of human activity on the environment, the Faculty of Geodesy – Technical University of Civil Engineering Bucharest has developed an accredited new curricula at the Master’s degree level. As basis of the curriculum design and content subjects were considered fundamental notions needed by surveyor specialists to work successfully in interdisciplinary teams to and identify and solve environmental problems. The presentation of these issues is interesting both for the entire academic community of specialists and for the private sector.

In the year 2014-2015 were enrolled in this specialization 24 students, who have passed all the examinations, and this year there are 28 students enrolled in the first-year.

Key words: environmental issues, GIS, spatial planning, sustainable development

Received: August, 2015; Revised final: March, 2016; Accepted: April, 2016

* Author to whom all correspondence should be addressed: e-mail: badeacadastru@yahoo.com