



Development and application of blended learning at the level of doctoral studies

Mojca Šraj (1), Klaudija Sapač (1), Andreja Žgajnar Gotvajn (2), Franc Lobnik (3), Matjaž Lobnik (4), Žiga Šubic (4), and Mitja Brilly (1)

(1) University of Ljubljana, Faculty of Civil and Geodetic Engineering, Ljubljana, Slovenia, (2) Faculty of Chemistry and Chemical Technology, University of Ljubljana, Ljubljana, Slovenia, (3) Biotechnical Faculty, University of Ljubljana, Ljubljana, Slovenia, (4) Piktorama d.o.o., Ljubljana, Slovenia

Use of information and communication technologies (ICT) in the higher education is inevitable. The use of ICT in the educational processes has many advantages and can improve their quality if used appropriately. In recent years, among educators and teachers increased use of blended learning, which is characterized by combining distance learning through digital media with traditional classroom learning (face-to-face learning).

This paper presents the results of the use of blended learning in an international, interdisciplinary doctoral summer school Environmental Protection which was held in Ljubljana, Slovenia in the summer of 2016. At the end of May 2017 the consortium of the University of Ljubljana, University of Natural Resources and Life Sciences Vienna, University of Brescia and company Piktorama will organize the second summer school for doctoral students on the topic of Natural Hazards where again blended learning will be used. Furthermore, in the scope of the Second World Open Educational Resources Congress, which will be held in September 2017 under the auspices of UNESCO, the consortium will prepare a roundtable, where participants will discuss and share experiences of using blended learning.

The implementation of two doctoral summer schools and workshop is financed by Erasmus+ programme. Information about the project, summer schools and workshop can be found at: <http://www.let-group.com/summerschool.html> and <http://ksh.fgg.uni-lj.si/eplus/index.html>.