

12th Conference CARTOGRAPHY AND GEOINFORMATION commemorating the World GIS Day

BESTSDI – Regional ERASMUS + Project for Improvement of Academic Education in Spatial Data Infrastructure

Vesna Poslončec-Petrić, Željko Bačić

vesna.posloncec@geof.hr

University of Zagreb, Faculty of Geodesy, Kačićeva 26, 10000 Zagreb, Croatia

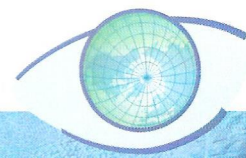
Abstract

Efficient usage of spatial information is nowadays an indicator of a society's development level. Knowledge and skills tied to usage of spatial information incorporated in the spatial data infrastructure (SDI) concept are a new paradigm of geodetic, but also other professions associated with spatial information. The Western Balkans Academic Education Evolution and Professionals' Sustainable Training for Spatial Data Infrastructures (BESTSDI) project was launched within the Erasmus+ programme (Key Action 2: Capacity building in higher education) to modernize, standardize and raise the level of SDI academic education at universities in South-East Europe.

The objective of the BESTSDI project is to improve curricula at partner universities by introducing concepts of spatial data infrastructures (SDI) and e-government, as well as extended concepts like smart cities, smart environment, digital single market, etc. based on SDI. Project courses are going to address two types of students, namely students specializing in fundamental geospatial data management (for instance in geodesy, geoinformatics, etc.) and students at other faculties utilizing SDI concepts, for instance urban planners, environmental engineers and students in forestry, geography or agriculture.

The Faculty of Geodesy of the University of Zagreb applied for the project with partners Catholic University Leuven (B), University of Split (HR), Ss. Cyril and Methodius University Skopje (MK), Bochum University of Applied Sciences (D), Polytechnic University of Tirana (AL), Agricultural University of Tirana (AL), University of Banja Luka (BiH), University of Mostar (BiH), University of Sarajevo (BiH), University of Tuzla (BiH), University for Business and Technology Prishtina (XK), University of Montenegro (MN), University of Belgrade (RS), University of Novi Sad (RS) and University of Prizren „Ukshin Hoti“ (XK), as well as associated partners Federal Administration for Geodetic and Real Property Affairs of FBiH (BiH), Republic Administration for Geodetic and Real Property Affairs of RS (BiH) and Real Estate Cadastre Agency of Republic of Macedonia (MK).

Keywords: BESTSDI, spatial data infrastructure, academic education, Southeast Europe



12. savjetovanje KARTOGRAFIJA I GEOINFORMACIJE kojim se obilježava Svjetski dan GIS-a

BESTSDI – regionalni projekt ERASMUS+ za unaprjeđenje akademske nastave iz područja infrastrukture prostornih podataka

Vesna Poslončec-Petrić, Željko Bačić

vesna.posloncec@geof.hr

Geodetski fakultet Sveučilišta u Zagrebu, Kačićeva 26, Zagreb

Sažetak

Efikasna upotreba prostornih informacija danas je jedan od pokazatelja razvijenosti društva. Znanja i vještine povezane s upotrebom prostornih informacija objedinjenih u konceptu infrastrukture prostornih podataka (IPP) nova je paradigma geodetske, ali drugih struka koje se temelje na prostornim informacijama. U cilju modernizacije, standardizacije i podizanja razine akademske nastave IPP-a na fakultetima u jugoistočnoj Europi, grupa fakulteta iz Europe i regije predvođena Geodetskim fakultetom Sveučilišta u Zagrebu u okviru programa Erasmus+ (Key Action 2: Capacity building in higher education) predložila je projekt “Western Balkans Academic Education Evolution and Professional’s Sustainable Training for Spatial Data Infrastructures” (BESTSDI). Cilj projekta BESTSDI je poboljšanje kurikuluma partnerskih sveučilišta uvođenjem koncepta IPP-a i e-vlade, kao i proširenih konceptata kao što su pametni gradovi, pametni okoliš, jedinstveno digitalno tržište i drugi, a sve temeljeno na IPP-u. Projektni sadržaji (predmeti) adresirat će dvije skupine studenata, naime studente čija je osnovna specijalizacija temeljno upravljanje geoprostornim podacima (npr. geodezija i geoinformatika, itd.) i studenti s drugih fakulteta koji rabe koncept IPP-a (npr. prostorni planeri, inženjeri okoliša, studenti šumarstva, geografije i poljoprivrede i sl.). Nositelj projekta BESTSDI je Geodetski fakultet Sveučilišta u Zagrebu, a partneri su Katholieke Universiteit Leuven (B), Sveučilište u Splitu (HR), Univerzitet „Sv. Kiril i Metodij“ Skopje (MK), Hochschule Bochum (D), Universiteti Politeknik i Tiranës (AL), Universiteti Bujqesor i Tiranës (AL), Univerzitet u Banjoj Luci (BiH), Sveučilište u Mostaru (BiH), Univerzitet u Sarajevu (BiH), Univerzitet u Tuzli (BiH), Universiteti nderkombetar per biznes dhe teknologji UBT (XK), Univerzitet Crne Gore (MN), Univerzitet u Beogradu (RS), Univerzitet u Novom Sadu (RS) i Universiteti „Ukshin Hoti“ në Prizren (XK), te pridruženi partneri Federalna uprava za geodetske i imovinsko pravne odnose FBiH (BiH), Republička uprava za geodetske i imovinsko pravne odnose RS (BiH) i Agencija za katastar na nedvižnosti na Republika Makedonija (MK).

Ključne riječi: BESTSDI, infrastrukture prostornih podataka, akademska nastava, jugoistočna Europa