



Tempus

544051-TEMPUS-1-2013-1-SE-TEMPUS-JPCR
Development of a new master program in geodesy (MPG)



MPG Newsletter 2014-1

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Newsletter introduction

MPG project is funded by European Union's Tempus Programme. The wide objective is to modernize higher education in geodesy in order to support sustainable development in Kosovo and also to facilitate Kosovo's European integration.

The specific objective of the project is to start a new master programme in geodesy at the University of Prishtina in accordance with the Bologna process and based on the needs and requirements of the society.

Project activities include development of a new MSc curriculum in geodesy and 8 new teaching materials, establishment of a new Geodesy Laboratory at the University of Prishtina and re-training of Kosovar staff through four training courses. The project will also implement new pedagogy and quality assurance mechanism in geodesy education.

The MPG project consortium consists of 10 partners, with Royal Institute of Technology (KTH) as the grant holder and coordinating institution. The project will last for three years, from 01/12/2013 to 30/11/2016.

This newsletter will present news on the project progress to staff and students at partner organizations as well as other geodesy stakeholders and the general public.

More project information can be found at the project's web site: <http://gidec.abe.kth.se/MPG/>.

Project consortium

10 project partners & local coordinators are listed below.

Royal Institute of Technology (KTH)

Division of Geodesy and Geoinformatics
Stockholm, Sweden
Huaan Fan

University of West Hungary (UWH)

Faculty of Geoinformatics
Szekesfehervar, Hungary
Bela Markus

Vilnius Gediminas Technical University (VGTU)

Department of Geodesy and Cadastre
Vilnius, Lithuania
Ceslovas Aksamitauskas

Aristotle University of Thessaloniki (AUTH)

Faculty of Rural and Surveying Engineering
Thessaloniki, Greece
Petrus Patias

University of Prishtina (UP)

Faculty of Civil Engineering and Architecture
Prishtina, Kosovo
Naser Kabashi

Ministry of Education, Science and Technology (MEST), Prishtina, Kosovo

Bekim Samadraxha

Ministry of Agriculture, Forestry and Rural Development (MAFRD), Prishtina, Kosovo

Bekim Hoxha

Kosovo Cadastre Agency (KCA), Prishtina, Kosovo

Murat Meha

Municipality of Istog

Directorate of Urban Planning and Cadastre, Istog, Kosovo
Isa Hoxhaj

Geo & Land Ltd, Prishtina, Kosovo

Milaim Sylka

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Project Coordinator:

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Kosovo National Coordinator:

Naser Kabashi, University of Prishtina, Kosovo
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Kick-off meeting in Prishtina

The kick-off meeting took place on 27-31 January 2014 at University of Prishtina (UP). All project partners have sent representatives to the kick-off meeting.

The meeting started with the project's opening ceremony. The National Tempus Officer in Kosovo, Ms Kimete Canaj, and two vice rectors of UP, Professor Lindita Tahiri and Naser Sahiti, attended the opening ceremony. The vice-rectors confirmed that the university administration of UP fully supports the MPG project and its specific objective to start a new master program in geodesy from autumn 2015.



At the opening ceremony, all MPG partners have made a short presentation of the respective partner organization and their specific roles in the MPG project. The kick-off meeting reviewed original project plan and went through activities of 2014, including administrative issues. Details of the discussions and decisions made are documented in the minutes sent to all participants on February 12, 2014.

Questionnaire surveys

In order to ensure that the new geodesy master program to be developed by the MPG project can meet the demands and requirements of the society and especially the labour market in Kosovo, a questionnaire survey was conducted among geodesy stakeholders in Kosovo.

In total, 22 answers have been collected from different types of geodesy stakeholders (governmental institutions, agencies, public/private companies, as well as international organizations operating in Kosovo). Survey results show:

- Most Kosovo geodesy stakeholders are in public actors.
- Specialists are needed in different geodesy fields, as well as in GIS, cadaster and geospatial industry.

- Most stakeholders are positive to receive geodesy students for study visits or practices
- Majority of stakeholders are in need of staff re-training in geodesy, GIS, photogrammetry and remote sensing
- One stakeholder wishes to split the planned master program into two or three more specialized profiles.

A similar survey was conducted among 51 UP students. Some findings from the survey are as follows:

- More than half of the surveyed students choose to study geodesy because they were interested in the subject. Only a few of them believe that through their education they will be able to find a job in Kosovo.
- Majority of students think that existing geodesy program, labs and equipment need to be modernized.
- Majority of surveyed students like to learn more on GIS and CAD, but not photogrammetry and remote sensing.
- Majority of surveyed students wish to continue studies after bachelor graduation.
- Majority has very little knowledge on Bologna Process and ECTS, but wish to be an exchange student.
- Majority would want to study in geodesy master program if it is offered at the University of Prishtina.

Rozafa Basha has compiled two survey reports which can be downloaded from the project's web site.

GIS training course in Hungary

The GIS training course was delivered on May 12-18, 2014, at University of West Hungary in Szekesfehervar, Hungary. 9 Kosovo staff participated in the training. The training includes both theory lectures and practices in the GIS Lab. The following topics are taught:

- Geodatabases, spatial data handling
- Open source software and applications
- Spatial analysis
- Digital elevation models
- Analysis tools in ArcGIS



Training participants also had study visits to County Land Office in Szekesfehervar and Institute of Geodesy, Cartography and Remote Sensing (FÖMI) in Budapest.

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