



A WORD FROM THE EDITOR



Dear colleagues

We present a new issue of the magazine "BESTSDI Newsletter". We are still gathered around the idea to disseminate project information and communicate results with a broad audience. This magazine provides

information about our activities, events, results and activities tied to a project undertaken by project partners. It will be released within the frame of Dissemination and Exploitation Work Package and Task Group Communication prepared by the Editorial board.

The main events covered by this issue are the Joint BESTSDI – Impuls workshop in Banja Luka and 2nd BESTSDI Summer school in Split. With special attention, we also present the 3rd Project Management Board meeting held in Banja Luka.

From our great partners we got interesting presentations of their universities and faculties for our regular rubric "Partner Presentations". Presentations come from Tirana and Pristina.

As before, in the section "Related Events and Conferences", we provide information about a lot of events that have disseminated more information about the BESTSDI project. Our colleagues presented this project on all important meetings related to Spatial Data Infrastructure, as well as in certain magazines, throughout partner countries.

We thank all authors for their excellent articles and, at the same time, we invite other colleagues to join us and be the part of the Newsletter in all subsequent issues.

The best regards!

Slavko Vasiljević,

Faculty of Architecture, Civil Engineering and Geodesy,

*University of Banja Luka
Editor-in-chief*



BESTSDI Newsletter is quarterly e-newsletter by Erasmus+ KA2 Capacity Building in field of Higher Education "Western Balkans Academic Education Evolution and Professional's Sustainable Training for Spatial Data Infrastructures" project (N° 574150-EPP-1-2016-1-HR-EPPKA2-CBHE-JP).

More information at: www.beststdi.eu.



Project Bodies Meetings

3rd Project Management Board meeting in Banja Luka



During the joint IMPULS-BESTSDI workshop in Banja Luka, third Project Management Board Meeting (PMB) has been held. Most of the PMB members were present, while others participated via conference call. Beside regular reporting on project status (3rd Project Status Report has been submitted), at the meeting emphasis was on project monitoring and risk evaluation. Since Quality Assurance Plan has been finalized, first three Project Status Indicator Reports and first Project Evaluation Report have been presented and analysed. Also, first Evaluation Report submitted by Novogit (Anders Östman) has been presented and discussed.

Further, Project Adaptation Report has been presented and discussed and recommendations made for further work on description of SDI curriculum. Task groups 2.5 Localisation of curriculum and 2.6 Implementation of curriculum presented results of survey about localisation and implementation of curriculum at partner institutions conducted by Faculty of Agriculture and Food Science University of Sarajevo.

Project and financial management has been also on PMB agenda. Project office proposed, towards better management efficiency, to merge managerial responsibilities of PMB and Project Steering Committee (PSC) into the PMB with cancellation of PSC. This proposal has been discussed and adopted by PMB. Regarding financial management focus was on reaching threshold for second pre-financing payment what relates to finalization of procurement procedures.



Finally, actions in period till Tirana workshop have been reviewed and adopted together with several submitted documents. Additionally, Slavko Vasiljević from Banja Luka was appointed new editor of BESTSDI Newsletter.

Željko Bačić, Vesna Poslončec-Petrić



Project office visit to partners at University Ukshin Hoti in Prizren



On February 27th Project office representatives prof. Željko Bačić and Ass. prof. Vesna Poslončec-Petrić visited University “Ukshin Hoti” in Prizren and met in several meetings with prof. Sadik Idrizi, vice-rector, prof. Samedin Krrabaj, dean Faculty of Computer Science, prof. Ercan Canhasi, Faculty of Computer Science Jasmin Jusufi and Zirije Hasani, Faculty of Computer Science.

Initiated by the monitoring mission of National Erasmus office Kosovo in December 2017, Project office representatives informed about the project progress in general and work with project partner till now, addressing lack of communication. Managerial and organizational issues at the University “Ukshion Hoti” have been discussed in detail and actions agreed. Prizren informed that procedure for equipment procurement is almost finished and delivery will follow soon.



Further activities have been discussed, with the emphasis how to secure capacities to introduce SDI content in study program and conduct the courses in year 3 of the Project lifetime. It has been agreed that funds will be used for enhanced engagement of partner team staff in events in this year, especially on summer school in Split.



In this context, cooperation with other project partner, University for Business and Technology from Pristina has been discussed and taken in consideration.

Cooperation beyond timeframe of the BESTSDI project has been also discussed among the partners. At the workshop in Banja Luka initiative will be launched, proposing to partners to consider ideas (needs) for new projects which could jointly be submitted on call in October 2018.

A sightseeing of the University campus has been organized for Project office representatives.

Željko Bačić, Vesna Poslončec-Petrić



Partner presentations

University for Business and Technology (UBT) in Prishtina



UBT history

UBT was established in Prishtina, Kosovo in October 2004 by Prof. Dr. Edmond Hajrizi. The institution was built on the previous experience of the Institute of Enterprise Engineering and Management (IEME). UBT College is based in Prishtina, Lagja Kalabria PN. It operates in four campuses: UBT Prishtina, UBT Innovation Campus, UBT Prizren and UBT Ferizaj. It is also supported by its centers in various other cities in Kosovo. The College holds both institutional and program accreditation by Kosovo Accreditation Agency to offer over 30 undergraduate and graduate programs. The philosophy of the institution has been to offer internationally competitive programs in higher education and lifelong learning. UBT College offer is based on both demand and supply side of education system. The institution has introduced innovative programs that are essential for economic and social development in areas of mechatronics, energy efficiency and integrated design. UBT also offers programs that were meant to service the existing demand in the areas of engineering, economy, public policy and medicine.

Vision

UBT will be a modern and leading higher education institution in Kosovo, committed to apply excellence in teaching, learning and research within an inclusive student-centered environment through applying a multi-disciplinary approach that will contribute to the economic, social and cultural development of Kosovo and beyond.

Strategy

The UBT Strategy centers on the following strategic goals:

- Achieving Academic Excellence
- Maintaining and Increasing Internationalization
- Creating Positive Working and Learning Environment
- Partnering with the community
- Developing research, innovation and business centers.

Study Programs

The study programs are operated within the following 15 faculties in bachelor and master level:

- Management, Business and Economics
- Computer Science and Engineering
- Mechatronics Management
- Information Systems
- Media and Communication
- Political Science
- Law LLM
- Public Policy Management
- Architecture and Spatial Planning
- Integrated Design
- Infrastructure and Civil Engineering
- Energy Engineering
- Energy Efficiency
- Pharmacy
- Stomatology
- Nursing
- Food science.



Staff

Currently UBT has over 700 staff involved in teaching and administration of Faculties. Over 25% are international staff. The current number of active students is over 15,000. New facilities and laboratories that have been established to support the teaching activities account for more than 120 labs.

The institution has over 400 partnership agreements with worldwide Universities related to program exchanges, double degree programs, student and teacher's program exchanges etc. UBT has also developed and implemented many projects related to curriculum development and training teachers for vocational schools in Kosovo, public administration, public companies, licensing of private companies according to ISO standards etc.

An important part of the development that continues to grow is the yearly International scientific Conference that will bring together researchers from various disciplines from the region and EU countries.



UBT 6th International Conference held in Durres

UBT has been involved in various local & international European projects since its establishment. The involvement has been crucial at many projects related to transfer of technology between the academia and the industry. UBT is also actively participates in local and international related projects such as:

- ERASMUS+
- EURED
- USAID
- Industry projects related to ICT, Engineering, and other projects related to studies of economic zones, strategies for municipal development etc.

UBT Research Institutes

Several Institutes operate as part of the institution:

- Institute of STEM Research and Innovation (IEME)
- Institute of Development of Education and Academic Affairs (IDEAA)
- Institute of Foreign Languages and Intercultural Competence (IFL)
- Institute of Politics and International Relations
- Institute of Medicine Sciences and Innovation
- Institute of Rule of Law and Justices
- Institute of Media and Communication.

Research Centres

Research or Excellence Centers are the organizational spaces where research activities are supported and coordinated at not only a departmental, but an interdepartmental level. Each Research Center is headed by a Coordinator.



- Information Systems and Cyber Security Research Center
- Mechatronics Research Center
- Center for Research in Economics and Administrative Sciences
- Center of Research for Economics and Strategy
- Health Sciences Research Center
- Energy Engineering Research Center
- Research Center for Architecture and Civil Engineering
- Spatial Data Infrastructure is in the process of establishment in the framework of BESTSDI Project during end of 2018.



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Naim Preniqi

Polytechnic University of Tirana (UPT), Faculty of Civil Engineering



FCE is one of the oldest and most experienced Faculties in the Albanian Higher Education. It was established in 1951 as a part of Tirana University (UT). In 1983, FCE was established as an independent unit included in UT. In 1991, all the Engineering Faculties were re-grouped and UPT was founded. Since the establishment and up to the present, FCE has contributed to a successful history for our country. The Faculty of Civil Engineering is performing its teaching activities in Albanian language. FCE consists of five departments: Building Constructions and Transport Infrastructure, Mechanics of Structures, Environmental Engineering, Hydro-technics and Hydraulics as well as Geodesy.

All study programs at the FCE are accredited for all three levels of studies: Bachelor, Master and Doctoral academic studies.

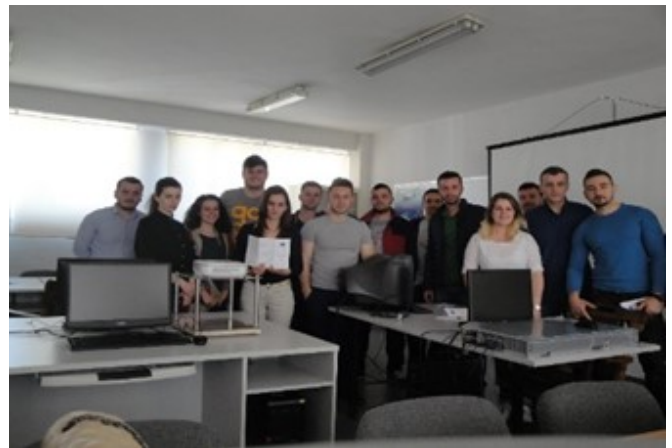
Bachelor study program covers all topics of Civil Engineering and it consists of/ includes four modules: Civil Engineering, Hydro-technics Engineering, Environmental Engineering and Geodesy Engineering.

Master of Science studies is organized through four modules: Master of Science in Civil Engineering which is further divided into four profiles: Construction & Administration, Structures, Infrastructure & Transport as well as Geotechnics; Master of Science in Hydrotechnics Engineering; Master of Science in Environmental Engineering which is divided into two Profiles: Water Treatment Profile and Energy; Master of Science in Geodesy Engineering as well as Master of Science Dual Diploma in Civil Engineering in partnership with Ecole Spéciale des Travaux Publics, Paris, FRANCE.

The program of “Master of Science in GEODESY” conveys a consolidated scientific education (at theoretical and practical level), which qualifies the graduates for:

- solving of various problems related to geodesy and geo-informatics,
- for further intensifying knowledge to support the continuation of doctoral studies (PhD program), as well as for an immediate employment in a number of areas, such as: Civil Engineer for Surveying, Managing operations in land administration, Geo-data Management, GNSS Positioning, Public/ Private Local/ International Companies and Organizations as well as Consulting.

The approved revised program of “Master of Science in



Geodesy” at FCE of UPT is compiled last year by the support of the EU Erasmus+ Project: 561902-EPP-1-2015-1-SE-EPPKA2-CBHE-JP with the title: “Modernizing geodesy education in Western Balkan with focus on competences and learning outcomes” (GEOWEB).

FCE has a successful co-operation with other faculties,



as well as Public/Private Local/ International Companies. The building has modern classrooms, amphitheatre, laboratories, computer classrooms and the library.

Bilbil Nurçe

Project Events and Conferences

Joint IMPULS – BESTSDI workshop in Banja Luka

On 23 April 2018, at the Faculty of Architecture, Civil Engineering and Geodesy of the University of Banja Luka, the Joint IMPULS – BESTSDI workshop “SDI education for stakeholder’s benefit” was held, which gathered many experts from different scientific fields in Banja Luka.



This workshop gathered the academic members of Universities in Republika Srpska, Bosnia and Herzegovina, neighboring countries, as well as European universities. Also, there were representatives of IMPULS.

The Faculty of Architecture, Civil Engineering and Geodesy is the partner of the BESTSDI project, whereas the Republic Administration for Geodetic and Property Affairs of Republika Srpska is the partner of IMPULS project. Therefore, these two institutions were also the organizers and hosts of this manifestation.

The main objective of this workshop was to exchange information about status, purpose, results and goals of these two big projects related to Spatial Data Infrastructure (SDI). Within the work part of the conference, the various questions were raised, such as:

- why do we need new SDI education, what do we expect from SDI education and what does business sector expect from GI and SDI,
- the Faculties’ curriculums and syllabuses of subjects related to SDI and the learning objectives and outcomes of these subjects,
- scope of SDI education related to different study programs or educational institutions,
- SDI implementation examples with demonstration of the development environment for student practice,
- the current condition of Spatial Data Infrastructure (SDI) in the countries participating in the Project,
- proposals about new curriculums, courses and teachers (trainers),
- suggestions and materials for Life-Long Learning (LLL).

The national representatives for NSDI (National Data Spatial Infrastructure) presented their annual reports on condition and the development of SDI and the participants discussed them within the three national work groups.

The conference gathered the representatives of the Faculty of Geodesy, the University of Zagreb, the Faculty of Civil Engineering, Architecture and Geodesy, the University of Split, the Faculty of Geotechnical Engineering in Varaždin.

From Bosnia and Herzegovina, the participants were The Faculty of Civil Engineering and the Faculty of Agriculture and Food Science, the University of Sarajevo, the Faculty of Mining, Civil Engineering and Geology of the University in Tuzla and the Faculty of Science and Education at the University of Mostar. Additionally, the members of the Faculty of Philosophy, Nikšić and the Biotechnical Faculty, Podgorica of the University of Montenegro took part, as well as the members of the Faculty of Forestry of the University of Belgrade, the Faculty of Technical Science in Novi Sad, and the Faculty of Civil Engineering in Subotica, the University of Novi Sad. Also, the academic members from Catholic University of Leuven in Belgium, Bochum University of Applied Sciences in Germany, Polytechnic University of Tirana and Agricultural University of Tirana participated in the workshop.



Except for the academic community, the representatives of the institutions whose participation was very important, because they are the main stakeholders are: Lantmäteriet, the Republic Administration for Geodetic and Property Affairs of Republika Srpska, the Republic Administration for Geodetic

Geodetic and Property Affairs of the Federation of Bosnia and Herzegovina, the Real Estate Cadastre Agency of FRYOM Macedonia, the Republic Geodetic Authority of the Republic of Serbia, the Real Estate Administration of the Montenegro, the members of the Council for SDI Development (some Ministries of the Government of Republika Srpska and the Institute of Statistics of Republika Srpska).



Based on objectives of the workshop, the agenda was focused on these needs. The sessions were divided thematically into: 1) Opening session, 2) IMPULS and BESTSDI projects presentations, 3) SDI education, 4) BESTSDI project SDI curriculum, 5) BESTSDI SDI Life-Long Learning program and BESTSDI National SDI reports for year 2017., 6) SDI exploitation (Status of NSDI development), 7) BESTSDI project sessions: Dissemination and Exploitation 8) BESTSDI Project Management Board meeting, 9) TG2.1 & TG2.2 – combined task meeting, 10) Implementation, 11) BESTSDI project curriculum (TG2.1), 12) TG2.4. Summer School Split and Wrap-up session.



Slavko Vasiljević



2nd BESTSDI Summer School in Split (2018)

Second BESTSDI Summer School Split 2018 was held on Faculty of Civil Engineering, Architecture and Geodesy, University of Split on June 26-30, 2018.



The concept of this year school was emphasised on activities of partner countries. With a support of program countries there will be much more practical work and the school got a shape of the final results of the project.



In school they encountered with basic, advanced and life-long learning programs applicable on partner and programme countries and to whoever find it useful in their further work.

Ivana Racetin

Related Events and Conferences

BESTSDI project overview in Space Journal

On February 19th Croatia has signed Cooperation Agreement with European Space Agency as a first step in becoming member of this most prestigious European scientific organization. Motivated with this event new issue (No.62) of Svemirski žurnal (Space Journal), the E-newsletter of Chair for Satellite Geodesy Faculty of Geodesy University of Zagreb has been released.



Space Journal primary mission is popularization of Space and related topics, either we speak about scientific achievements, technological development, projects and applications, or events related to Space.

Secondary mission is to promote activities of Chair and Faculty linked to Space, like Chair of Satellite Geodesy Colloquia, scientific and professional projects like BESTSDI, EO4GEO, etc, and achievements of Chair and Faculty staff.

On-line version of Space Journal can be downloaded on the web-page of Chair for Satellite Geodesy: <http://science.geof.unizg.hr/satgeo/testimonials2.html>.

Vesna Poslončec-Petrić

BESTSDI project presented at the NatRisk project workshop



University of Defence, Serbia (UNID) organized the second Steering Committee, Project Management Committee and Quality Assurance Committee meetings, first Special Mobility Strand meeting and Inter-project coaching meeting in Belgrade on March 07th – 08th, 2018. Meetings covered wide spectra of very important topics for the future project realization. The meetings were concluded with positive impressions and it was everyone's opinion that it was very beneficial.

At the Inter-project coaching meeting, Emina Drežnjak Hadžić (University of Sarajevo, Faculty of Civil Engineering) presented the BESTSDI Project Objectives, Expected Results and current activities.

Work methodology of NatRisk project is elaborated through eight work package types, encompassing in total 34 activities necessary to achieve project aims and objectives. Precise milestones and delivery dates as well as the content of the deliverables are defined in a detailed work plan.

The overall aim of the project Development of master curricula for natural disasters risk management in Western Balkan countries is to educate experts for prevention and management of natural disasters in the region of Western Balkan (WB) according to the national and EU policies.

Emina Hadžić



BESTSDI project presented on Festival of Science - Zagreb 2018

Copernicus Relay Office Croatia and BESTSDI team from Faculty of Geodesy University of Zagreb presented Copernicus program and BESTSDI project at the Festival of Science in Zagreb in presentation titled "Otkrijmo Zemlju uz Copernicus" (Lets discover Earth with Copernicus).

In the exhibition area of Geodesy visitors could see and Augmented Reality Sandbox for Topography Modelling in which they created a variety of relief forms of sand, which then depicts the Hispometric Color Scale and Isohypses.

Vesna Poslončec-Petrić



President of the Republic of Albania visited the Faculty of Geology and Mining in Tirana

In the World Creativity and Innovation Week, April 15-21, 2018, the President of the Republic of Albania Ilir Meta visited the Faculty of Geology and Mining in Tirana. During his visit, he visited the GIS laboratory, equipped with Erasmus+ projects GEOWEB and BESTSDI, and talked with students and staff of the Faculty.

Edmond Hoxha

STEPGRAD — Banja Luka 2018

Scientific conference with international participation "Contemporary Theory and Practice in Construction XIII" is held for the second time in the organization of the Faculty of Architecture, Civil Engineering and Geodesy of the University of Banja Luka on May 24th and 25th, 2018. The quality of the scientific conference held in 2016 was officially recognized by the Ministry of Science and Technology, classifying it as a "Scientific Conference with International Participation".



The proposed topic and content of the conference aim to connect science, profession and education in the field of construction with an emphasis on the process of integrality and interdisciplinarity. The conference program covers current topics in architecture, urban planning, civil engineering, geodesy and similar scientific disciplines, with special reference to education in the contemporary construction. The conference is expected to be a place where scientists and experts of various profiles dealing with construction engineering can exchange their experiences and point to current trends and accomplishments in construction.



The Scientific Committee consists of about sixty scientists from across the region, Europe, and the world, including experts and scientists from China, Germany, Norway, Belgium, Austria, Spain, the Czech Republic, Greece, Slovenia, Croatia, Serbia, Montenegro and Macedonia. All accepted scientific papers have passed the process of a blind review by two members of the Scientific Committee, with both reviews having to be positive. Out of 80 received papers, 65 were accepted for publication. A special quality of this year's gathering is given by eminent callers: prof. Hugo Hens (University of Leuven, Belgium), prof. Tilman Klein (Technical University of Munich, Germany), prof. Igor Emri (University of Ljubljana, Slovenia) and prof. Karel Jeneka (University of West Bohemia in Pilsen, Czech Republic).

Slavko Vasiljević

11th ICA Mountain cartography conference— Hvar 2018

11th ICA Mountain Cartography Workshop set up by Commission on Mountain Cartography (CMC) was held from May 21-25, 2018 in Hvar, Croatia. Workshops are held every second year, alternating with the International Cartographic Conferences (ICC). This year the venue did not follow the tradition of visiting high mountains for the workshop. The island of Hvar, with its peak Sveti Nikola at 628 m does not impress with altitude, but compensate this impression with its cliffs, sea surroundings, history and human interaction with the natural environment.



Workshop goals are to define the topics of mountain cartography further, to promote the methods and knowledge of mountain cartography and to demonstrate and discuss state of the art issues on practical and theoretical mountain cartography.



The overall theme of this year's workshop was "Mapping for Outdoor Activities in Mountains" with the idea to address local issues in the field of mountain cartography. Two days of the workshop featured 35 presentations divided into nine sessions with following topics: Mapping Mountains, Automation, Recreation, Caves, Volcanoes, Islands, and Oceans, Relief Presentation, Glaciers, Mountain Safety, Education, and Visualization. The workshop was attended by 44 participants from the USA, Canada, New Zealand, Russia, Austria, Switzerland, Romania, Norway, U.K., Germany, Philippines, Slovenia, and Croatia.



BESTSDI project was introduced to participants in a presentation given by Zvonimir Nevistić titled "[NSDI Datasets Supporting the Development of Mountain Areas](#)" and prepared by Vesna Poslončec- Petrić, Željko Bačić, Dražen Tutić, Slobodanka Ključanin. The human capacity for SDI was highlighted as a necessity for the further development of SDI ecosystem and the challenges in the education of SDI experts which is the focus of BESTSDI project.

More information on the workshop can be found on [CMC website](#).

Dražen Tutić, Zvonimir Nevistić

EU Day in Tirana

Exhibition with poster and leaflets from BESTSDI project on the occasion of EU Day 9 May 2018, organized from NEO (National ERASMUS+ Office), WBAA (Western Balkan Alumni Association) and EMA (ERASMUS MUNDUS Association) at Skenderbe Square, Tirana.

Bilbil Nurce



Acquisition and installation of equipment

In the last period the Task Group 2.3. Acquisition and installation of equipment has made a few steps forward in direction of the equipment procurement completion and finally its installation. So far, the Specifications acceptance documents have been issued by the Project Coordinator to all partners involved in BESTSDI project enabling the public procurement procedure finalization.

According to the information provided by the members of the Task Group 2.3., the current status of the public procurement (June 20th, 2018) regarding the equipment purchase and installation is given in the following table.

| Partner | Current status |
|----------------------|--|
| UPT (Albania) | Public procurement procedure for IT equipment and its delivery has been carried out, total amount of funds spent is 30820 EUR; the rest of the funds envisaged for geodetic equipment procurement at FGM (approx. 9000 EUR) will be realized in the next period. The invoice for the IT equipment has been delivered to the Project Office, subsequently the requested number of Erasmus+ stickers have been provided. |
| UNMO (BiH) | Public procurement procedure for the equipment and its delivery has been carried out; all the allocated funds have been spent, the Faculty of Science and Education has contributed the equipment purchase with additional 3000 BAM (approx. 1540 EUR). The partner has requested a number of Erasmus+ stickers which have been provided accordingly. |
| UNS (Serbia) | Public procurement procedure for the equipment and its delivery has been carried out; the invoices for the equipment purchase have been delivered to the Project Office. The partner has requested a number of Erasmus+ stickers which have been provided accordingly. |
| UNTZ (BiH) | Public procurement procedure for the equipment and its delivery has been carried out; the partner has requested a number of Erasmus+ stickers which have been provided accordingly. |
| UBT (Kosovo) | Public procurement procedure has been completed; the invoices regarding the equipment payment have been delivered to the Project Office; the delivery of the equipment is expected to be completed soon. After the request from the partner, a number of Erasmus+ stickers will be provided accordingly. |



Equipment installed at the University of Tuzla; Erasmus+ stickers were applied on the equipment showing that the equipment has been purchased within the project supported by the EU.



Since the delivery of the equipment has been intensified recently, all Erasmus+ stickers provided by the EACEA to the Project Office have been delivered to the partners upon their request. After the Project Coordinator's

request to EACEA for additional stickers, their reply has been received stating that the Project Office has to provide the subsequent delivery of stickers. Consequently, in the next period the delivery of slightly different Erasmus+ stickers is to be expected.

Danijel Šugar

Procurement finalized at University of Novi Sad

Procurement of equipment within the BESTSDI project involve the procurement of equipment related to the collecting of geospatial data and the computer equipment that will be used for education of new engineer of Geodesy and Geoinformatics. Procurement of equipment on University of Novi Sad consist of two parts, one for the Geoinformatics Laboratory on Faculty of Technical Sciences in Novi Sad and one for Faculty of Civil Engineering Subotica.

For the UNS it was bought 14 new computers that will enable more efficient work and training of engineer students in the field of spatial infrastructure, two Monitors 24" for old and new server computer. We have also upgrade old TD350 server with two hard disks with 900GB and three RAM modules DDR3 with 8 GB, new computers are also updated with 12 SSD discs which are also part of this purchase, and one new server ThinkSystem ST550.



Four laptops Lenovo Legion Y720 15itkb were purchased for teaching. Also, FTS students are engaged in data collection, data processing and storage of data in a particular structure. The Geoinformatics Laboratory on FTS already owns a total station and GPS, but this kind of data collection cannot provide a more massive amount of data. Big data sets are needed for certain courses, such as Visualization of Spatial Data Geospatial Databases, Spatial Data Infrastructure, etc. This procurement also includes DJI Mavic Pro with DJI Goggles, as modern method which can be used in collecting geospatial data, for seamless FPV flying with DJI products. The integration of these two elements achieves a realistic system in which data collection is realized with the latest technology. Dataset obtained with this modern solution will be used in training of students.

Faculty of Technical Sciences already have NEC NP-V332W projector. It's one model in NEC's V-series of portable projectors intended for business or education applications. In this procurement we have 16 pairs of 3D glasses for the NEC NP-V332W Projector,

supported by DLP Link technology. With 3D glasses students will have realistic perspective of geospatial data. 16 pairs correspond to the number of students of a computer group.

For the Faculty of Civil Engineering in Subotica, procurement consist of 16 new computers with Operating system Windows 10 Pro x64, MSOffice Standard 2016, 16 Dell P2217 Monitors and two projectors Benq MS531.

Dušan Jovanović

BESTSDI project overview in journal “Glasnik Rudarsko-geološko-građevinskog fakulteta”

Paper “Development of new learning materials for spatial data infrastructure in Bosnia and Herzegovina (project BESTSDI)” by Mirza Ponjavić, Indira Sijerčić, Rejhana Dervišević, Kemal Gutić and Elvir Ferhatbegović is published in journal “Glasnik Rudarsko-geološko-građevinskog fakulteta”, No. 6, 2018.

Mirza Ponjavić



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