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Contents

The 1st regional training of INSPIRATION project and the 5th Regional conference on cadastre and spatial data infrastructure, Banja Luka



International symposium on engineering geodesy in Slavonski Brod



Expert tour Varaždin - Borl - Jerusalem



GSDI 13., Qubece City



Visit of the director, Regional Cadastral Office Koprivnica

The director of the State Geodetic Administration, Danko Markovinović PhD, visited on 24. May 2012 the Regional Cadastral Office in Koprivnica. On that occasion, the meeting was organised with the prefect of Koprivničko-križevačka County, Darko Koren. They talked about mutual projects that are carried out in this area. The head of the Regional cadastral office Koprivnica, Jelena Unger, as well the head of the Department for Cadastral System and IT support, Josip Dujmović, attended the meeting as well.



Cadastral surveys were pointed out as the most important projects. In the last ten years, there were the cadastral surveys completed at the territory of seven cadastral municipalities, and there were five new cadastral documents and land registries put into use. The same is also expected for the other two cadastral municipalities. At the moment, the survey is being performed at the territory of the town Đurđevac. There is also a call for tenders with regard to the survey at the territory of the Municipality initiated in the area. The prefect Darko Koren said at the meeting that the investment into the development of cadastre and land registries is a long-term strategy of the County, and without it there would be no progress and no opportunity for investors, and he showed great willingness to cooperate in the future period as well.

The director used the chance to visit the field office where the committee for cadastre and land registry committee for the exhibition of data collected in cadastral survey work together. He talked to the employees about that job, too. He was made familiar with the fact, that the clients, immediately after agreeing with cadastral data, initiate the land registry procedure for the purpose of registering their property. In the same way the data have been collected in all cadastral surveys at the territory of the County, and the committees have been founded immediately after the surveys were completed.




The director Danko Markovinović met also the head of the Administration Department for Town Development and Property Management of the town Koprivnica, Jasna Golubić who informed him about the design and construction process of the Palace of Justice, where new business premises for the Ministry of Justice and the State Geodetic Administration will be provided. The problem of inadequate location for cadastral and land registry department, as well as for other parts of the municipal court, and for state attorney has been a problem in Koprivnica for long time. After moving to the Palace of Justice, the mentioned institutions will finally solve this problem, too.



The town Koprivnica planned initially to build a new business building with the area of about 2500 m², located between the building of the Municipal Court in Koprivnica and the building where the cadastral office is located at the moment, symbolically named Palace of Justice, and to sell these business premises to the mentioned users. Later on, it was agreed with the Government of the Republic of Croatia, that the Town should build the same building out of its own resources, and then surrender the property to the Republic of Croatia to be used by the mentioned users. The Town would receive for it the property of the former barracks Ban Krsto Frankopan. It should be mentioned that the building was designed according to the specific needs of future users. In a separated part of the building with the total area of 587 m², the cadastral office will be placed on three floors (cellar, basement and the first floor) with the entrance in the basement near the entrance to the land registry office. It will have the accompanying space of underground garage at its disposal. The whole building will be low energy building with the consumption of 15 kWh/m² annually, which is above the standards prescribed in the Republic of Croatia at the moment. Namely, the Town Koprivnica passed a few years ago a decision that all buildings the construction of which it will finance on its own, will be built according to the standards that guarantee sustainable future.



After the meeting, the director visited the construction site itself where the works are in full swing. The works started on 02. April, 2012, and their completion is expected by the end of this year.

 Jelena Unger

The 1st regional training of INSPIRATION project and the 5th Regional conference on cadastre and spatial data infrastructure, Banja Luka

Within the frame of the 5th Regional conference on cadastre and spatial data infrastructure, the first regional training of INSPIRATION project „Spatial Data Infrastructure in the Countries of Western Balkans“ was organised on 5. and 6. June in Laktaši, Banja Luka, the Republic of Srpska, Bosnia and Herzegovina.

The topic of the training was „Providing the Data“, and the participants from Croatia, Bosnia and Herzegovina, Serbia, Former Yugoslav Republic of Macedonia and Albania took part in it. It lasted 2 days and was intended for technical staff engaged in the works of implementing the national spatial data infrastructures.

During the training there were the topics treated that are connected with the spatial data infrastructure, INSPIRE directive, INSPIRE metadata and data specification. As a very good practical example, there was the experience from Slovakia and its challenges in the implementation of national spatial data infrastructure presented. The participants also had the opportunity to be present in the discussion dealing with regional collaboration and regional data services, and were invited to give suggestions and conclusions.

The participants from Croatia were Marjana Želić, the head of the working group for mutual usage of spatial data, Nevenka Koričančić from the Ministry of Environmental Protection and Spatial Planning, and Zvonko Štefan and Tanja Lerotić from the State Geodetic Administration.

5th regional conference on cadastre and spatial data infrastructure is a traditional gathering of state institutions in the region that are responsible for geodetic activities at the state level. At the conference this year there were also the representatives from Albania, Bosnia and Herzegovina (both entities), Monte Negro, Croatia, the Former Yugoslav Republic of Macedonia, Serbia, Slovenia participating, and Bulgaria expressed its wish to be equal member of the conference next year. During the conference, the works from the region were presented covering the following topics:

- Spatial data infrastructure,
- Legislative framework of geodetic sector, and
- The role of land administration in capital regional projects.

The director of the State Geodetic Administration, Danko Markovinović PhD, presented the work titled: Geodesy and Geoinformation: Need or Obstacle? MSc. Tomislav Ciceli presented the current situation referring to the establishment of NIPP in the Republic of Croatia. During the conference, there was also the 5th regional study on cadastre and spatial data infrastructure presented that had been prepared by prof. Željko Bačić PhD and Vesna Poslončec Petrić PhD.

During the conference there were also the meetings held within the frame of INSPIRATION project when there was the web site of the project presented among other issues that is available on the address: <http://www.inspiration-westernbalkans.eu/index.html>. The organisers of this year's conference, Federal Administration for Geodetic and Property Affairs of the Federation of Bosnia and Herzegovina, and the Republic Administration for Geodetic and Property Affairs of the Republic of Srpska invested a lot of effort to make the stay of the participants, about 100 of them, really very pleasant.



Tanja Lerotić, Tomislav Ciceli

International symposium on engineering geodesy in Slavonski Brod

Organised by the Croatian Geodetic Society (HGD) and the Association of Surveyors of Brodsko-posavska County (UGBPŽ), the International symposium on engineering geodesy was held in Slavonski Brod in the period between 29. and 30. May 2012. There were 170 participants registered at the conference coming from Croatia and from abroad.



The State Geodetic Administration had two presentations: Landek, I., Vilus, I.: *Production of DOF5 Needed for Legalization of Illegally Built Objects* and Grubić, I.: *Standardized Digital Form of Cartographic Signs and Presentations*, and one thematic unit: Pahić, D.: *Land Administration and the United Nations Economic Commission for Europe Working Party on Land Administration Activities*, UNECE WPLA Chairperson; Roll, G., Milligan, M.: *Activities of the UNECE Committee on Housing and Land Management*, UNECE Secretariat; Bambagioni, G., B.: *Economic Trends and UNECE Real Estate Market Advisory Group Activities*, UNECE REM Chairperson; Potsiou C., *Challenges and the Role of Surveyor*, FIG Vice-president

Apart from the above mentioned presentations, there was also a round table organised with the topic Geodetic aspects of legalization and registration of structures, as well as some very interesting presentations: Tomić, M.: *Preparation of Occupation Standards and Qualification Standards for Geodetic Technicians and Computer Technician*; Salopek, D.: Ambroš, F.: *Experience of Croatian Telekom d.d. in the Legal Property Regulation of its Electronic Communication Infrastructure*; Končić, AM.: *Registration of Roads in Land Registry pursuant to the New Act on Roads*; Barković, Đ., Zrinjski, M., Zovko, M.: *The importance of Applying National Standards for Geodetic Instruments*; Kapović, Z.: *Review of Special Characteristics of Engineering Geodesy*; Medved, I., Medak, D.: *Application of Geostatic Analysis in the Detection of Landslides*; Glagolić, M.: *FME-Transformations of High Accuracy between HDKS and HTRS96, as Trieste and HVRS71*; Lapaine, M.: *Croatian Language in Geodesy and Geoinformation*; Bašić, T.: *Some Modern Trends in Geodetic Science* and Dabić, M.: *Negotiation Strategies*.

Within the scope of the symposium, there was also a gala dinner prepared, as well as the trip by ship on the river Sava. The symposium was very well organised and everybody who participated in the organisation of the symposium deserve to be praised, which refers especially to the president of the Association of Surveyors of Brodsko-posavska County, Mrs. Maja Tomić.

Ivan Landek

Expert tour Varaždin - Borl - Jerusalem

Croatian Cartographic Society and the Association of Historians of Varaždinska County organized three lectures in Varaždin in the palace Herzer, on 9. June 2012. Prof. Dr. Sc. Miljenko Lapaine and Prof. Dr. Sc. Miljenko Solarić spoke about meridian arc measurement from Varaždin to Brno, and Spomenka Težak, prof. about Varaždin in the 18. century. The lectures were held within the scope of the Expert tour of Varaždin, Borl and Jerusalem.



The measurements of the length of Vienna meridian made exactly 250 years ago were the first of that kind in Austria-Hungary of that time and have great historical importance. The acquired knowledge in the development of trigonometric networks was very significant for the production of modern maps, as well as later on for the production of cadastral plans. The measurements were conducted by Joseph Liesganig at the request of Maria Theresa, and at the recommendation of Ruđer Josip Bošković. The trigonometric chain that needed to be established and measured starts at the location Sobešice near Brno in the Czech Republic, goes through Vienna and Graz in Austria, crosses a part of Slovenia and ends in Varaždin (figure: Varaždin cathedral ≠ the church of the Assumption of the Blessed Virgin Mary the tower of which is the last point in the measurement of Vienna meridian). Liesganig's measurements of the arc length of Vienna meridian are especially important for us in Croatia, because it was the first time in history that one trigonometric point was established and measured in Croatia. (<http://www.kartografija.hr>).

Mirko Husak

Expert tour Varaždin - Borl - Jerusalem

In the period between 14. and 17. May, 2012, the 13. Global Spatial Data Infrastructure conference titled: *Spatially Enabling Government, Industry and Citizens* was held in Qubece City, Canada. This year's conference was held together with the 14. GEOIDE scientific conference, 7. 3D GeolInfo conference and Canadian conference dedicated to geomatics.

There were more than 600 participants from 45 various countries present at the conference. More than 200 works were presented during seven parallel sessions in all 4 days of mutual conference, together with five plenary sessions, poster session, as well as with invited lectures at each of the events.

Completing his term of office as GSDI president, Prof. Abbas Rajabifard greeted Prof. David Coleman as a new president, and Mr. Dave Lovella as a new future president.

At GSDI 13. Conference, the State Geodetic Administration was represented by MSc. Tomislav Ciceli who presented his work „*On the road to become spatial enabled government; case study Croatia*“.

Tomislav Ciceli