

VIZURA

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INFORMATION LEAFLET OF THE STATE GEODETIC ADMINISTRATION

MAY 2013

Sadržaj

SDI Days 2013

SDI
DAYS 2013

Šibenik, Croatia, 26/27 September

Conference on
Cadastral and
Spatial Data
Infrastructure

inspiration

Spatial Data Infrastructure in the Western Balkans

EUREF Conference
in Budapest



Annual general
meeting of the
Geodetic Society
of Herzeg-Bosnia



SDI Days 2013

SDI Days 2013 organised by the Joint Research Centre - Institute for Environment and Sustainability, Croatian Chamber of Chartered Geodetic Engineers and State Geodetic Administration, will be held in the **period from 26. and 27. September in Šibenik**

The fact that almost 80% of information around us contain spatial component speaks for itself about the significance of spatial data infrastructure (SDI). Our commitment to the effort needed to become a part of the European SDI entails a lot of challenges for us. In this context, the organisers of SDI Days 2013 wish to contribute to the development of geospatially conscious society. There have been four NSDI and INSPIRE Days organised so far, in Varaždin, Opatija, Split and Zagreb. Motivated by the great interest shown at previous conferences and by the wish to improve the knowledge about the infrastructure for spatial data, the organisers want to emphasize the activities that result from the existence of the European part of SDI.

SDI Days 2013 timetable:

- 26. September »INSPIRE and integrated land & water management« workshop,
- 27. September, 5. NSDI and INSPIRE Day.

Large scope of topics as well as prominent invited presenters at SDI Days 2013 guarantee interesting presentations and modern approach to the topics.

- Implementation of INSPIRE Directive
- Regulations related to NSDI
- INSPIRE and integrated water and land management
- Implementation of NSDI
- NSDI interested parties and data
- Connection of NSDI and EU Digital Agenda
- Maritime and coastal areas
- Natural disasters
- Environmental protection and influences
- Integrated spatial estimations
- e-Government services
- Other SDI and INSPIRE services

Important dates:

- Deadline for submitting abstracts: **30. June 2013.** (infonipp@nipp.hr)
- Deadline for abstract acceptance notification: **15. July 2013.**
- Deadline for registration: **1. September 2013.**

Organising Committee:

- Željko Hećimović, State Geodetic Administration, President of Organising Committee
- Vlado Cetl, Joint Research Centre, Ispra
- Tomislav Ciceli, State Geodetic Administration
- Vesna Husnjak, State Geodetic Administration
- Maša Ećimović, State Geodetic Administration
- Ivan Rožić, State Geodetic Administration
- Zvonko Štefan, State Geodetic Administration
- Ivica Posavec, State Geodetic Administration

If you should have any questions, please do not hesitate to contact us at: infonipp@nipp.hr
NSDI

6. Regional Conference on Cadastre and Spatial Data Infrastructure, Belgrade 3. - 4. June 2013

In the period from 3. and 4. June, 2013, the 6. Regional Conference on Cadastre and Spatial Data Infrastructure was held in Belgrade in the organisation of the Republic Geodetic Institute of Serbia and supported by the project „INSPIRATION - Spatial Data Infrastructure in the Western Balkans“.

The representative of geodetic and cadastral institutions from Albania, Bosnia and Herzegovina, Bulgaria, Monte Negro, Croatia, Macedonia, Slovenia and Serbia, as well as the representatives of educational institutions and current international projects in the region participated at the conference.

During the first day of the conference, there were the activities of EuroGeographics presented and the workshops held related to their products: EuroGlobalMap (1:1 000 000), EuroBoundaryMap (1:100 000) and EuroRegionalMap (1:250 000). On the same day, there were the meetings held in parallel sessions of the management Board and the Project Team of Coordination Board of the INSPIRATION Project. It was concluded at these meetings that the project INSPIRATION, carried out since December 2012 till December 2013 implemented all so far planned activities, and the European Commission will decide about the possible continuation of the project after accepting the national strategies for the pre-accession programme IPA II.

During the second day of the conference, the representative of geodetic and cadastral institutions represented the activities that are carried out at the moment in their institutions. Apart from that, there was also a new “Regional Study on Cadastre and Spatial Data Infrastructure” presented, as well as the results

of INSPIRATION project and the implementation of INSPIRE Directive in the European Union. The State Geodetic Administration was represented by its manager, Danko Markovinović, PhD („Implementation of the Act on Treatment with Illegally Built Objects “), Tomislav Ciceli („Presentation of the Act on NSDI“) and Sanja Zekušić („Project of Implementing the Integrated Land Administration System Financed from the Pre-Accession Fund IPA 2010“).

After the completion of the Conference, the managers/directors of geodetic and cadastral institutions in the region have concluded as follows:

1. the participants were especially grateful for excellent organisation of the 6. Regional Conference on Cadastre and Spatial Data Infrastructure, especially to the Republic Geodetic Institute of Serbia and its director Zoran Krejović
2. the participants of the conference were pleased with the so far achieved regional level that needs to be further developed and updated
3. it was pointed out that it is necessary to develop collaboration in the implementation of mutual projects that are of interest for the region
4. it was also pointed out that it is necessary to continue with the exchange of mutual experiences and knowledge



about cadastre, especially in the field of spatial data infrastructure in INSPIRE environment

5. the active role of agencies and administrations from the regional in cadastral, cartographic and other international organisations, as well as mutually agreed participation was pointed out, and it was recommended to continue further coordination and unique attitude related to these subjects
6. all agencies and administrations in the region agreed that the implementation of INSPIRATION project was at the satisfactory level so far, and that they will give

7. their maximum contribution in the preparation and realisation of the future mutual INSPIRATION project 2 we emphasize the need to develop further the legislative framework, educational activities and public consciousness in the sector of land administration
8. all countries in the region agree about their mutual participation in future projects and recommend the exchange of data by means of authorized services
9. there was also a mutual cooperation and exchange agreed within the frame of technical and human resources
10. the next regional conference will be held in Albania.

Sanja Zekušić

EUREF Conference in Budapest

From 29. May till 31. May 2013, there was a regular annual EUREF Symposium held in Budapest where the annual activities connected with the field of fundamental geodetic works and permanent GNSS networks in European countries were presented. The topics of this year's presentations were: the development of GNSS systems, the application of GNSS in researching the Earth, the present situation and development of ITRS/ETRS and EVRS reference frameworks, vertical and gravimetric systems, and the overview of National Reports in the European countries.

The representatives of the State Geodetic Administration who participated at the conference were Marijan Marjanović and Margareta Premužić, and there was the National Report about the fundamental geodetic works in the previous year prepared and presented offering the overview of the development and updating of CROPOS System, of the works on gravimetric measurements and of the situation with regard to the levelling network in the Republic of Croatia. Croatia is included into the European Permanent network EUREF with 5 CROPOS stations: Čakovec, Poreč, Požega, Zadar and Dubrovnik that send the observation data to EUREF EPN centres on daily basis ever since 2011 where these data are processed and analysed.

Connection of 5 CROPOS stations to EPN (European Permanent Network)

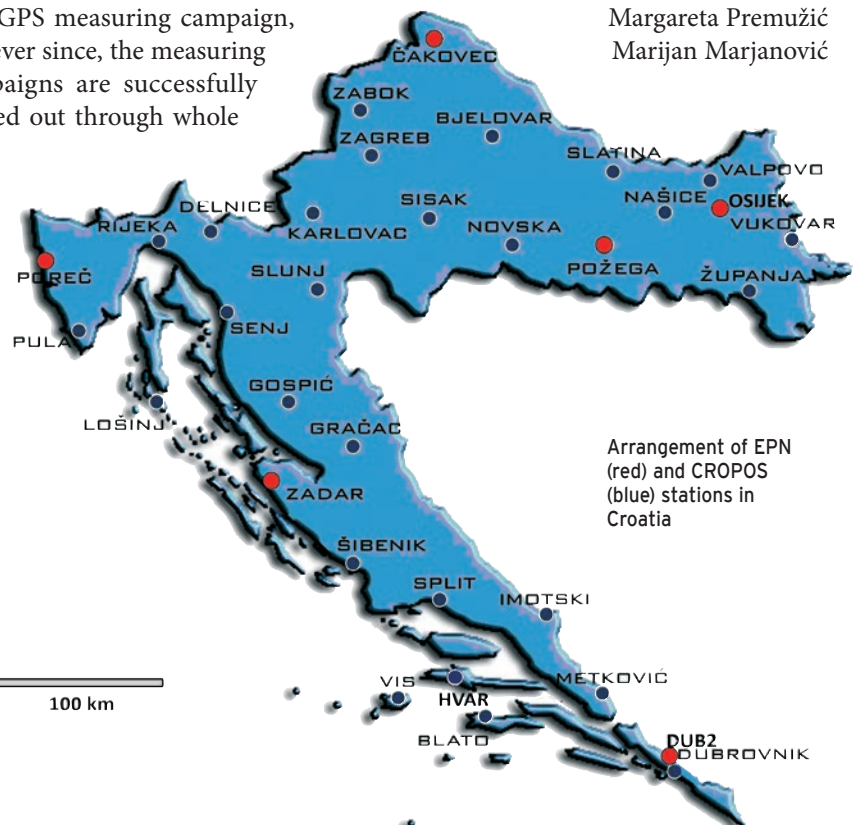
Since 16. June 2013 there have 5 permanent GNSS stations CAKO (Čakovec), DUB2 (Dubrovnik), PORE (Poreč), POZE (Požega) and ZADA (Zadar) connected to EUREF permanent network - EPN. In EPN centres, the quality of received GNSS observations, availability and consistency of data are being controlled every day. The State Geodetic Administration suggested in 2011 5 CROPOS station to be connected to EPN network, and after the period of controlling and analysing the observed data in the last year and a half by EPN centres for data analysis, all 5 stations were successfully included into the European permanent network.

EUREF network was realised already in 1989 within the scope of the first GPS measuring campaign, and ever since, the measuring campaigns are successfully carried out through whole

Europe. The establishment of a larger number of permanent GNSS network at the territory of whole Europe, high-quality reference EPN basis was created that is densified with local measuring GNSS campaigns, if necessary.

Along with the permanent GNSS stations, there were also control computer centres, local and regional centres for processing and analysis of observation data established within EUREF organisation. The data received from permanent stations are used for the calculation and analysis of coordinates and speed of the stations in real time and in additional processing, as well as for various scientific researches (geodynamics, calculation of reference frameworks, monitoring of earthquakes, etc.).

Margareta Premužić
Marijan Marjanović



Annual general meeting of the Geodetic Society of Herzeg-Bosnia

The annual meeting of the Geodetic Society of Herzeg-Bosnia was held in Vlačić in Bosnia and Herzegovina in the period from 31. May till 2. June 2013.

On behalf of the State Geodetic Administration, the employees Ilija Romić, grad. eng. geod. and MSc Ivan Landek participated at the meeting and had two presentations:

- Production of new topographic maps at the scale of 1:25000 (TK25) from the fundamental topographic base (TTB) for the territory of the Republic of Croatia – Ivan Landek
- Legalization of illegally built objects in the Republic of Croatia – Ilija Romić

The presentations were followed by a number of questions, which proves the urgency and relevance of the topics that were presented. There were about 80 participants included into the work of the meeting, and there was also the dean of the Faculty of Geodesy in Zagreb, Prof. Miodrag Roić, PhD present at the meeting from the Republic of Croatia. The meeting was excellently organised, and we thank our colleagues from Bosnia and Herzegovina for their kind hospitality.

Ivan Landek, Ilija Romić



Aerophotogrammetric material collected before 15. February 1968

After the Law on Treatment of Illegally Built Object became effective (National Gazette 86/12), the demand for aerophotogrammetric material collected before 15. February 1968 has become much greater. In the archives of the State Geodetic Administration (SGA), there is a certain number of films made until 1968 for the purpose of producing the State Base Map at the scale of 1:5 000 (this map is called today Croatian Base Map – HOK). The rest of the films are kept in the Military Geographic Institute in Belgrade. In the period from 1952 till 1968, the whole territory of the Republic of Croatia was shot for the purpose of producing the topographic map at the scale of 1:25 000 (TK25), and the map was produced by the Military Geographic Institute in Belgrade. The employees of SGA, Željko Hećimović, PhD and MSc Ivan Landek visited therefore the Republic Geodetic Institute in Belgrade where they were received by the deputy manager Saša Đurović, grad. eng. geod.

The colleagues from the Republic Geodetic Institute presented the activities already being carried out for the purpose of disposing the aerophotogrammetric material collected before 1968 at the territory of the Republic of Croatia. Since the largest part of the collected material is kept in the Military Geographic Institute in Belgrade, the visit to that institution was also organised and it was talked about the disposal of aerophotogrammetric material. The talks were successful and resulted in concrete agreement related to the preparation of taking over the collected material. We thank the colleagues from both institutions who provided for us all requested information.

Željko Hećimović, Ivan Landek

