

VII INTERNATIONAL SCIENTIFIC-PRACTICAL CONFERENCE "NEW TECHNOLOGIES IN GEODESY, LAND AND ENVIRONMENTAL MANAGEMENT"

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In the period from 23 to 25 October 2014 in Uzhgorod held VII International Scientific Conference (ISPC) "New technologies in geodesy, land management and environmental management", dedicated to the 15th anniversary of the State Enterprise "Carpathian geodesic center"

The conference was the Geography Faculty of Uzhgorod National University with the assistance of the Department of Zakarpattia Ukrainian Geographic Society, the Main Department Derzhzemahenstva in Zakarpattia SE "Zakarpatheodeztsentr" and other organizations and enterprises in the geodesy, land management and cadastre.

The organizing committee ISPC "New technologies in geodesy, land management and environmental management" led by Director of topographic surveying software Goszemagentstva Ukraine Ivan Zajac, vice-rector for scientific and pedagogical and educational work, the head of tourism UzhNU - prof. Fedir Shandor, Dean of the Faculty of Geography, Head of Department of Physical Geography and rational nature UzhNU - prof. Stepan Pop and Head of the Department of Land and Cadastre UzhNU prof. John Kalinić, The organizing committee includes prominent scholars from other universities Ukraine, Czech Republic and Slovakia.

The conference was attended by over 80 experts, including 9 representatives of foreign countries (Czech Republic, Romania, Slovakia and Hungary), 45 scientists, 12 production workers, graduate students and masters from different cities of Ukraine (Kyiv, Lviv, Dnipropetrovsk, Kherson, Chernivtsi, Ivano Frankivsk and Ternopil, Rivne, Uzhgorod, Mukachevo) and Uzhgorod National University representatives, local government and businesses.

As part of this conference was held two roundtables with the participation of the media:

- Hydropower Zakarpattia: situation and prospects.

- Presentation of the grant project HUSKROUA / 1101/252 "space system protection from emergency situations - cross-border system for predicting natural phenomena through the use of satellite technology in Hungary, Slovakia, Romania and Ukraine."

The conference began with a conference hall "Unrvarskyi." The conference was opened by prof. Stepan Pop. With greetings to conference participants addressed: Mikhail Popovich - deputy head of the Transcarpathian Regional Council, prof. Rostislav Sossa - Director SSPE "Cartography", prof. Fedir Shandor - rector on scientific and pedagogical and educational work, the head of tourism Uzhgorod National University, prof. Games Trevi - Deputy Director of the Institute of Geodesy "Lviv Polytechnic, UTHK President Vladimir Tokar - in. about. Chief of Derzhzemahenstva in Transcarpathian region, Dr. Vaclav Safar - Research geodetic, topographic and cartographic Institute (m.Zdiby, Czech Republic), Dr. Igor Kudzey - Director Vihorlatskoyi Observatory and the Astronomical Observatory in Kolonitskom plateau (Slovakia).

The conference program began with a plenary session, which was heard 11 reports.

About formation, present and future plans of SE "Zakarpatheodeztsentr" said the director of the company Ivan Prodanets.

The following statement today concerned the problems of coordinate security in geodesy. He introduced Professor. Stepan Savchuk. During the plenary session also reported such well-known scientists, professors Igor Trevi, Michael degrees, Stepan Pop, Rostislav Sossa, PhD PhD. Vaclav Safar, Ph.D. Maxim Pihik.

Sections were organized so that participants were able to hear all reports.

Topics covered important issues of new technologies in geodesy, cartography, land and wildlife in general. In breakout sessions were presented 39 reports. Most of the materials reports were filed at the conference, published in the journal "Scientific Bulletin of the Uzhgorod University. Series: Geography. Land Management. Nature. - 3, 2014.- 352 pp., "Who handed out to participants at registration.

During the conference organized excursions to m. Mukachevo, the Turia Polyansky small hydro and around the city of Uzhgorod. In particular, the participants on the spot acquainted with the best low-energy objects Transcarpathia, in particular, small hydroelectric power plants on the river Turia, solar power plant near the village. Irlyava Uzhgorod district and in the city. Mukachevo with the work of the State Enterprise "Carpathian geodesic center" team which recently celebrated the 15th anniversary of its activity. Visited participants landmarks Mukachevo and Uzhgorod.

Roundtables were held in two different locations. Since the first of them - "Hydropower Transcarpathia: Status and Prospects", which was held in a small conference hall "Unrvaskyy" were moderated by prof. YO Adamenko and prof. SS Pop. Participants included such well-known scientists in Ukraine as LM Arkhipova, YP Kutsenko, LA Shynkaruk MM Hlapuk, BS Senevych and others.

The second round table presentation of the grant project HUSKROUA / 1101/252 "space system protection from emergency situations - cross-border system for predicting natural phenomena through the use of satellite technology in Hungary, Slovakia, Romania and Ukraine" was held in the hall of the Academic Council with the assistance of a moderator UzhNU Assoc. NI Kablak. Participants of the debate and discussion were: Mishkolskoho scientists from the University of Hungary (Tabor Bart, Kochish Sandor), representatives of satellite geodetic observatory of the Institute of Geodesy, Cartography and Remote Sensing Hungary (Ombrush Kenyeresh, Tivodar Horvat), representatives from Slovakia Vihorlatskoyi Observatory (Igor Kudzey, Pavel Dubovsky, Edita Matseykova), Joint Research Centre, researchers from the Centre for Innovation and Technology Transfer «NORDTech» from Romania (Georg Radulesku, Adrian Radulesku Stefan Ovidiu) and the University of Northern Romania (root Radulesku).

The results of the VII International scientific-practical conference "New technologies in geodesy, land management and environmental management" was adopted the following resolution:

1. Seek the President of Ukraine and the Cabinet of Ministers of Ukraine to provide the Office of the survey and mapping of the State Agency of Land Resources of Ukraine the status individual government agencies.

2. Request the State Agency of Land Resources of Ukraine streamline materials inventory zniman on a new basis using state geodetic system referentsnoyi

USC 2000 and to promote it in all areas of the territory of the state.

3. To recommend businesses and organizations in Western Ukraine widely used in surveying and cadastral works available here referentsnyh network of active satellite stations «ZAKPOS».

4. Recommend scientists and practitioners of national and foreign institutions interested in cooperation, intensify joint work in preparing grant funds for international research funds, especially for cross-border cooperation with the introduction of new technologies to optimize nature management and achievement of sustainable development of territories.

5. To support the proposal of Uzhgorod National University, Transcarpathian Oblast Council, businesses Transcarpathia in small hydropower love Transcarpathian Ukrainian Geographic Society to hold in 2015 in Uzhgorod. International scientific conference "Renewable Energy Carpathian Alps implementation experience" under the auspices International Association for the development of alternative energy in Europe. Recommend to issue them appropriate representation in this international structure.

6. Check the positive achievements in the development of renewable energy sources in Transcarpathia in recent years, especially the establishment of solar power plants and small hydropower plants on the river Turya, which is indicative of technical excellence and minimize the negative impact on the environment. Consider appropriate and promising further development of low energy in the western region of Ukraine and especially in Transcarpathia, which has significant potential renewable resources (hydro, thermal, biological, helio- and wind).

7. Recommend Zakarpattia Regional State Administration and Oblenergo good occasion to consider the proposal of JSC "Ukrhydroproekt" on reconstruction Tereble-Ritskoyi power plant, construction of a second pipeline, equipped with the latest facilities Tereblya turbines and hydroelectric accumulating.

8. To consider expedient the next conference "New technologies in geodesy, land use and environmental management" in 2016 in Uzhgorod. Or in one of the national parks of Transcarpathia.

9. send this decision to the Cabinet of Ministers of Ukraine, Ministry of Agrarian Policy and Food of Ukraine, Ministry of Ecology and Natural Resources of Ukraine, Ministry of Education and Science of Ukraine, State Agency of Land Resources of Ukraine,

scientific, educational and industrial institutions and organizations participating conference.

10. Recommend Organizing Committee, co-organizer and organizations to extend this ruling, in particular through its publications in relevant professional public and media, including foreign ones.

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"New technologies in geodesy, land and
environmental management"**

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Presents an overview of of modern land management and cadastre in Ukraine highlights the problems of protection and rational use of land, water and forest resources, and presents perspectives of development of topographic and geodetic activities and national mapping in Ukraine on the materials the VII International Scientific and Practical Conference "New technologies in geodesy, land and environmental management" held 23-25 October 2014 in Uzhgorod.