

Geospatial, Hydrometeorological and GNSS Workshop - a part of Future Forces Forum 2016, Prague, Czech Republic

In October 2016, Prague will traditionally become the venue of a meeting of domestic and foreign defence and security leaders on the occasion of Future Forces Forum (FFF). The project consists of a compilation of events and activities at high political, military, security and expert level, supported by Ministry of Defence, Ministry of the Interior, Ministry of Transport and other national and international institutions.

FUTURE FORCES FORUM

International Platform for Trends & Technologies in Defence & Security

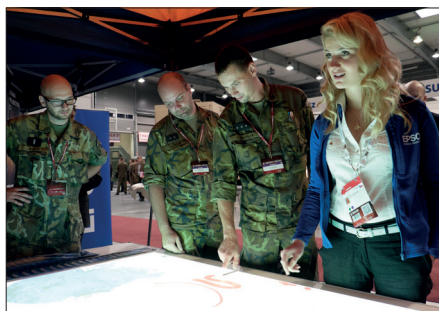
www.future-forces-forum.org

It is a long-term continuous project in support of effective cooperation of industry, government bodies, science, research and education, which links the defence and the civilian sectors. The Future Forces Forum activities will culminate in the week from October 17 to 21 by a congress, three conferences, four workshops, traditional international exhibition and meetings of several expert groups. During the five days, the participants in the Forum will be able to meet experts from the whole world, industrial leaders in the field of security and defence technologies, prominent scientists, and top-level government and military representatives of NATO allies, EU and V4 member states, and other partner nations.

One of the expert programme of Future Forces Forum will be Geospatial, Hydrometeorological and GNSS Workshop (GEOMETOC), which will be held 19 - 21 October at PVA EXPO PRAGUE.

A high professional level of the workshop is guaranteed through personal involvement of experts in relevant fields, such as the Chief of the Hydrometeorological Service of the Czech Army in the position of the chairman of GEOMETOC, or representatives of the University of Defence's Department of Military Geography and Meteorology and National Centre of Public Regulated Service/National Security Authority. Honorary chairmanship of the workshop has been accepted by the Chief of the Geographic Service of the Czech Army, Director of the Military Geographic and Hydrometeorological Office, and Czech representative at the NATO Defence College.

A "Preparatory Committee" has been set up to organize the workshop, which includes leading representatives of the Army of the Czech Republic, Director of the Research Institute of Geodesy, Topography and Cartography – Ing. Karel Radej, VSc., experts from the Ministry of Transportation, Czech Hydrometeorological Institute, State Administration of Land Surveying and Cadaster, and other institutions.



The goal of the GEOMETOC workshop is to show and share the latest information, knowledge and technologies in closely related scientific disciplines, i.e. geography, hydrology and meteorology, together under a single roof. The ever-faster scientific and technological development in all industries provides many opportunities of real-time, highly accurate, and very user-friendly support to GEOMETOC. Geography and hydrometeorology are both scientific disciplines with impacts and outputs that are not limited to military. On the contrary – they are vital for our everyday life, both at work and during leisure activities. Aggregate demand for GEOMETOC data, information and products has been growing rapidly, mainly as a result of sudden and catastrophic meteorological phenomena.

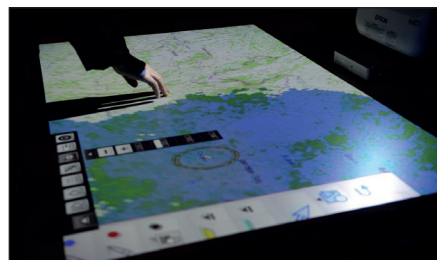
GNSS technologies have recently become a part of our everyday life. The provision of essential (PVT – Position, Velocity, Time) information for determining the position, navigation and time synchronization also represents an important part of the national critical infrastructure. Appropriate measures based on an evaluation of the system's vulnerability and potential threats must be proposed and implemented to prevent a risk of a catastrophic failure. The important role of the Czech Republic in the field of GNSS is illustrated by the fact that the EU GALILEO Agency is located in Prague, as well as by the involvement of Czech experts in international operations, expert groups, institutions, and projects. The field of research, development and innovations (RD&I) in this field also has a place in the "Security Research of the Czech Republic" and other national projects. Efficient development in these areas is possible only if there is a close and coordinated cooperation of the public sector, commercial enterprises and scientific research institutions, with an emphasis on effective use of funds.

For the above reasons, the three-day workshop is divided into four specialized sections:

- Designated Geospatial Information for State Security Forces and Organizations
- Geospatial Support to National Defence and Crisis Management
- Modern Trends in the Hydrological and Meteorological Support of Armed Forces and Government Performance
- Global Navigation Satellite Systems (GNSS) Future Challenges and Opportunities

The sections are focused on the specific areas and topics – detailed information are on the FFF website.

Experts interested in taking an active part in the workshop can contact the Programme Director Jiri Stirba, use e-mail stirba@future-forces-forum.org, or the Registration Form available on the website.



The workshop is free of charge for members of armed and security forces, academic sphere, university students and government employees. However, the participation is subject to on-line registration!

We should say that GEOMETOC workshop is not the only specialized event of the Future Forces Forum; you can also look forward to:

- World CBRN & Medical Congress, 19 - 21 October; followed by CBRN and Medical Workshops, 20 - 21 October
- Future Soldier Systems Conference, 20 - 21 October
- Military Advanced Robotic Systems Conference, 20 - 21 October
- Future of Cyber Conference, 20 - 21 October
- Logistics Capability Workshop, 20 - 21 October

In addition to the programme, there will also be the Future Forces Exhibition from 19 to 21 October.

Organizers are expecting more than 8000 participants, 200 exhibitors in the frame of Future Forces Exhibition and more than 1000 experts and VIP guests from more than 60 countries.

The PVA EXPO PRAGUE fairgrounds will therefore be busy again and exhibitors and visitors from the professional community can look forward to a unique security-focused event with a rich programme in the preparation of which government institutions, research centers, universities, and industry representatives have been directly participating.

More information, including the on-line registration, is on the project website www.future-forces-forum.org or the exhibition website www.natoexhibition.org.



In cooperation with:

