

Dear readers,

Our journal Science & Military is in the twelfth year of its existence. The Armed Forces Academy of General M. R. Štefánik issues the journal Science & Military also to provide the space for presentation of scientific research results. It is undoubtedly true that science and research enhance the quality of educational process, make the career and professional development possible and create the basis on which the future of the society can be built.

The Science & Military is one of the few journals in Slovakia in which university teachers, scientists and doctoral students can regularly publish their scientific papers focused on basic and applied research in the fields of national and international security, economy and management of defence and human resources, armament, technologies, communication and information systems, military logistics as well as other areas related to military science.

We would like to continue improving our journal Science & Military in the future. We will do our best to ensure that it will contain high-quality scientific articles based on responsible and thorough literature search, working with original sources, searching as well as getting familiar with the related research conducted in Slovakia and abroad. We want the articles in the journal Science & Military to be suitable for an international scientific discussion.

Dear readers, let me briefly inform you about the contents of the latest edition.

The first article, written by Juliusz Piwowarski and Andrzej Wawrzusiszyn titled „Towards More Secure EU Borders European Border and Coast Guard“, highlighted the importance of the humanitarian, social, socio-cultural, economic, political and trans-border security importance of the refugee influx in Europe. Effective border management must be based on shared responsibility, because the crisis has shown clear shortcomings and gaps in existing mechanisms of EU standards.

The next article is titled „Low Level Profile Security Analysis in Wireless Environment“ and it was written by Martin Obert and Marcel Harakal. The authors try to predict mobile data traffic tender by extending the CAGR forecasting method (Compound Annual Growth Rate) released from Cisco. The most significant result presented in the paper is a detailed analysis of vulnerabilities of WEP and WPA wireless security protocol.

In his article, titled "Challenges and Threats for the International Security as the Consequence of the Russian Federation's Hybrid War", Miroslav Banasik presents a brief but exhaustive outline of the hybrid war, especially in terms of its definition, meaning and practical use.

The following paper „Optimal Sensor Dislocation for Target Localization in 2D and 3D Area“ by Peter Rindzák describes the possibilities of

UAV (Unmanned Aerial Vehicles) employment where the radar sensors are part of it in the area of NEC (Network Enabled Capability) in armed forces domain.

In the article titled „Ukraine in Dire Straits: The Conundrum of Ensuring its Military Security“, written by Oleg Posheadin and Maryna Chulaievska, the authors identified very well those international security institutions, which could be helpful in addressing the conflict in Donbas effectively. The article also describes the tools at disposal of these organizations, which might be used efficiently in the case of Russian Aggression against Ukraine.

The article titled „The Gender Issue in the Polish Armed Forces on the Example of Peace and Stabilization Operations“, written by Dariusz Kozerański, presents the engagement of Polish Military Contingents in international activities as stabilization and peace missions carried out in Afghanistan and Iraq. This paper also brings closer the question of the crisis situations causes and the relations between their participants – stressing the attention on women – soldiers – based on unique fields research provided by the author in the Republic of Iraq, Kosovo, Bosnia and Afghanistan. The article presents statistical data on the number of women in various positions and also outlines the possibility of their further deployment in peacekeeping activities.

Mariusz Rozwadowski in the article titled „Swot Analysis Tool For Restructuring of Selected Organizations Security and Public Order“ presents definitions, determinants and models of safety management as well as the positive and negative phenomena associated with the method of Swot in the selected units of the police.

The final article, which was written by Samuel Filípk and Peter Droppa and titled „Possibilities in Development of Thermal Camouflaging“, discusses the possible approaches in development of thermal camouflaging systems for the mobile military technologies.

Dear readers, let me thank you for your interest and support. I strongly believe that this edition will provide you with interesting information and ideas that will enrich your knowledge in a particular field you are interested in.

I would like to thank all the reviewers who evaluated the copies sent to the editorial board.

I hope the journal Science & Military will continue presenting high-quality articles that will help us achieve our goal, which is indexing in the SCOPUS international database.

*Col. (ret.). Assoc. Prof. Eng. Marcel HARAKAL, PhD.
Chairman of the editorial board*