

ABSTRACT

FOCUS – IN NATO FOR TWENTY YEARS

Diána Szóke: NATO's responses to hybrid warfare 3

In recent years, hybrid warfare has emerged as one of the main focal points of international security theory, prompted primarily by the crisis in Ukraine and the rise of the Islamic State in the Middle East. The present article assesses the attempts by NATO as a political and military alliance to counter the threats posed by hybrid warfare, which are often non-military in nature. These efforts include strengthening the conventional deterrence posture and cyber defence capabilities, the establishment of NATO Centres of Excellence, as well as deepening the Alliance's cooperation with the European Union and certain non-member states. In conclusion the study highlights some specific institutional and political factors that may potentially hinder NATO's successful responses to hybrid warfare.

Keywords: NATO, hybrid warfare, emerging security challenges, cyber defence, EU-NATO cooperation

MILITARY ORGANISATION AND FORCE DEVELOPMENT

Péter Álmos Kiss: Nature of hybrid warfare 17

NATO's military power is likely to win in any traditional conflict, therefore states and non-state actors that want to change the current world order try to keep the use of force at the level of Military Operations Other Than War, when pursuing their goals. The attacker targets the critical weaknesses in the political, military, economic, social, information, and infrastructural subsystems of a state in accordance with a precisely integrated operational plan. Overt and covert military and non-military procedures are limited only by the resources of the attacker and the ingenuity of the designers and executors. In the NATO Glossary, this is "hybrid warfare". The integrated use of military force and non-military assets is not a new phenomenon. The novelty, however, is that technological development and global connectivity allow the synchronisation of national tools of power and the close integration of different attacks.

Keywords: hybrid warfare, South China Sea, reflexive control, national power tools, social subsystems

Maj. (Res.) Klára Fekete-Karydis – Capt. Bence Lázár: Development of cyber defence strategies, cyber defence challenges, current issues (I) 38

The timeliness of cyber defence has become unquestionable both in Hungary and internationally, as it is manifested in the rapid growth of strategies, training programs and professional forums focusing on the phenomenon. In the first part of their study, the authors outline the development process of cyber security strategies, present the evolution chronology of the regulatory environment and its topicalities. They provide a detailed picture of the cyber security standards of international security architectures, the relevant Hungarian legislation, and the institutional cyber security system, including their objectives and requirements.

Keywords: cyber strategy, critical information infrastructure, terrorism, cyber security, cyber attack, hybrid warfare, military development, cyber defence

INTERNATIONAL ACTIVITIES

Col. László Juhász: The Crisis Response Mechanisms of the European Union 50

The present paper gives an overview of the legitimacy of the EU crisis management, the principles of comprehensive and integrated approach, the activities of the European Commission, the Council of the European Union, and those of the European External Action Service. It also covers the EU organisations and their operation, which deal with defence policy-relating dimensions, and finally about the strategic-level EU crisis management exercise 2018.

Keywords: European Union, crisis, crisis management, comprehensive approach, crisis management exercise

Capt. Ákos Treszkai (Police): The impacts of climate change on the security of Sub-Saharan Africa ... 65

Nowadays, climate change is more and more significant and presents an increased security risk. It is mainly Africa, which is the victim of the consequences of climate change: its average temperature rises, the amount of annual rainfall decreases, and as a result, access to water and food is increasingly

difficult – due to water and food shortages in the affected areas. Although climate change is not the number one source of conflict today, it is also clearly evident that it is fuelling the emerging political, ethnic, religious and social tensions. In the context of these conflicts, Hungarian military engagement in international missions may arise again in the future.

Keywords: climate change, security, Africa, water conflict, global warming, migration, terrorism, conflict management, war

COMMAND TRAINING

Lt. Col. Győző Csanádi: The role of data and information, and their controversial notional interpretation during military activities. A presentation of military approach 77

The role of information is crucial concerning well-functioning military systems. Thus, the unified and clear definition of the notion of information is more than necessary. However, there is an astonishing diversity of scientific aspects in various field of military science. If the research is extended to the interpretation of the notion of data, particularly to the interrelations of the two notions, the result is even more confusing. What causes this contradiction? Is it possible to reach any consensus? The present study aims to answer these questions. Because of the comprehensive nature of the problem and for reasons of space, the author processed the findings of his research in two parts. The first part presents military aspects, while the second one will concentrate on the scientific answers and resolving the above mentioned contradiction.

Keywords: data and information, notion definition, military information processes

Col. Szabolcs Sári: Young officers, requirements 90

The definition of the requirements to young graduate officers is a complex task and interacts with many other areas therefore the trends influencing daily life has to be taken into account. All this requires constant adaptation, because this is a permanently and rapidly changing world. At the same time human adaptation ability is disproportionate with such factors, particularly the way of thinking and socialization legacy. At the current stage of his research, the author mainly reviews the available experience in domestic and international contexts, as well as the existing regulators and command instructions, of course, not only in military relations.

Keywords: leadership, competence, adaptation

Col. Zoltán Eleki: Current issues of the physical preparation of personnel in light of Zrínyi 2026 Defence Development Program 98

For a successful military development program in the Hungarian Defence Forces (HDF) it is necessary to have a sufficient number of well-trained and motivated military personnel. The author of the study analyses the present situation of the physical fitness training system, and the examples of foreign armies. The meaning of fitness and in particular physical fitness are also interpreted, and other factors which influence physical fitness are also identified. For this reason the Total Force Fitness conception of the US Armed Forces is used, which regards the physical fitness of a soldier as part of the general human fitness.

Keywords: fitness, physical fitness training, physical fitness requirements, Total Force Fitness

LOGISTICS

Lt. Col. Szabolcs Pete: The operation of a movement coordination centre in the framework of Host Nation Support 114

In the past few years, NATO member states accomplished a growing number of movements at different levels with the intent of participation in military exercises, or of a deployment in a temporary staging area. During such movements a close cooperation has to be established between the involved units and their counterparts responsible for the military movement coordination in the transit countries. The study – through the episodes of a recent exercise – presents the tasks of movement support, the organization of the movement coordinating units, and the cooperation among them.

Keywords: Movement Coordination Centre, Host Nation Support, Exercise “Saber Guardian 2017”

MILITARY HISTORY

Ferdinánd Cservenka: The involvement and activities of the Slovakian Rapid Division
in Operation Barbarossa. Combat actions around Wojtkowa 134

It is a rare opportunity to read a study in Hungarian about the World War 2 activities of the armed forces of the Slovakian State, an ally of the Third Reich. The article written for the 80th anniversary of the outbreak of World War 2 provides fundamentally new information for Hungarian readers, thus bridging this gap. Through an episode of military history, the coalition warfighting is presented and aspects are given for comparing the arsenals of the Royal Hungarian Defence Forces and those of the Slovakian State. The conclusions drawn from data in the analysis and the circumstances may be well used in Hungarian military officer training.

Keywords: Rapid Division, Operation Barbarossa, Pilfousek, Slovakian military units

REVIEW

Lt. Col. (Ret.) Dénes Kenyeres: On the past 100 years of the Hungarian Air Force 146

The author presents a comprehensive overview of the book „A magyar légierő 100 éve. 100 Years of the Hungarian Air Force”.

Col. (Ret.) Eng. Csaba Gál: International military and military technology review 150

A summary of the latest news in the international military and military technology press.

Gen. (Ret.) Ferenc Végh: Review of international scientific and special literature 157

The author recommends books and articles on military topics published abroad to the readers.