

CONTEMPORARY CYBERNETIC THREATS ANALYSIS

Martin OBERT, Marcel HARAKAL

Abstract: Cyberspace has become into our consciousness just recently, after some cybernetic threats has been globally recognized. Prior to cyberspace we used to deal with info warfare, where the cyber space had been used just for intentional spreading of propaganda to the masses. While the info warfare could be fully controlled by involved political parties, cyber-crime and consequently cyber warfare can be secretly planed and prepared with impact equal to nuclear war. Its concealment just multiplies the impact, because of impossibility of proper defense. The main goal of this article is to evaluate current situation in the cybernetic space by giving particular analysis of cybernetic attacks within the year 2013 as a sample for collaboration and estimation of future attempts in that area. Based on the analysis in coherence with other sources we tried to establish basic issues for future possible prediction of attacks.

Keywords: Cyberspace, cyber-attack, cybercrime, cyber war, cyber warfare, cyber security, critical infrastructure.

THE DESIGN OF A COLLABORATIVE MODEL FOR DEFENSE INDUSTRY USING THE IDEF METHODOLOGY

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Abstract: The paper presents the way one can create a cluster-type collaborative model, specific to the field of defense using methods specific to modeling. In this demarche we have opted for the IDEF method (a functional modeling method) so that the developed model should highlight its stages and activities, the input data, the control elements, the mechanisms governing the system and, finally, the output data. For this, we used the iGrafx Process 2013 software, which is the easiest-to-use tool for the analysis and simulation of processes specific to quality management and more.

Keywords: Cluster, modeling, collaborative model, the IDEFO method, defense.

THE INFLUENCE OF ORGANIZATIONAL CULTURE ON FLIGHT SAFETY

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Abstract: The present paper aims to highlight the influence of organizational culture on flight safety. In order to provide the optimal balance between the high operating level and the reduced level of human and material loss, Flight Safety appears as a component that influences significantly the combat capacity of the Air Force. Based on these considerations, I dedicated this paper to the organizational culture of flight safety and I tried to illustrate the existent vulnerabilities and malfunctions that may affect the carrying out of aviation activities in the absence of a positive, proactive safety culture, whose primary purpose is to prevent aviation accidents.

Keywords: Flight safety, culture, organization, management.

MEDICAL SUPPORT OF MILITARY OPERATIONS LED BY ORGANIZATIONS OF INTERNATIONAL CRISIS MANAGEMENT

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Abstract: Appropriate medical support is key factor that positively influences will of every soldier to conduct military operations and willingness to risk his or her own health and life. It is therefore task of all personnel responsible for planning of military operations to take all aspects of adequate medical support into account. The paper deals with medical support of military operations led by organizations of international crisis management. The author analyses approach of the United Nations, the North Atlantic Treaty organization and the European Union to medical support of their military operations.

Keywords: Medical support, medical support principles, medical planning, the United Nations, the North Atlantic Treaty Organization, The European Union.

CIVILIAN POPULATION PROTECTION IN ARMED CONFLICTS

Cosmin IVANCIU

Abstract: During the last decade's conflicts, it came into picture the necessity of protecting a majority that does not, directly, take part into conflict, the civilian population. One of the most important chapters of international humanitarian law is formed by the entire body of regulations regarding the protection of the civilian population, civilian persons, goods and places that do not form a military objective.

Keywords: Law, protection, civilian, population, conflict, humanitarian.

PATRIOTIC EDUCATION OF PERSONNEL OF THE ARMED FORCES OF UKRAINE

Vasyl KROTIUK

Abstract: The article gives the substantiation of the deal and values of patriotic education of personnel of the Armed Forces of Ukraine. These conceptual categories allow to adequately defining the purpose, the task and content of this direction of the education of servicemen. As a basis of the ideal and values of patriotic education of the Armed Forces put the mentality of the Ukrainian people, its best traditions and customs, as well as the martial traditions of the Ukrainian army. Their knowledge allows teachers to competently build military educational process.

Keywords: Ideal, values, patriotic education, Fatherland, the Armed Forces of Ukraine.

ASSESSMENT OF THREATS FROM EXOGENOUS GEOLOGICAL PROCESSES TO SAFETY OF INTERNATIONAL TRANSPORT CORRIDORS IN UKRAINE

Sergiy IVANYUTA

Abstract: Threats from exogenous geological processes to the safety of international transport corridors in Ukraine are assessed. The results of regional assessment of the impact of dangerous geological processes on the safety of the international transport corridors that pass through the territory of Ukraine and form additional pressure on the upper zone of the geological environment are analyzed.

Keywords: International transport corridors, geological processes, threats, safety, assessment. GIS technology. geological environment.

CARDIOVASCULAR DISEASES THEIR PREVENTION AND THE IMPORTANCE OF HEALTHY LIFESTYLE AND PHYSICAL TRAINING IN THE ARMED FORCES OF THE SLOVAK REPUBLIC

Katarína MAJERČÍKOVÁ

Abstract: This article presents conclusions of research focused on a prevalence of cardiovascular diseases and their prevention at the Slovak Armed Forces. The aim is to determine lifestyle of soldiers, presence of risk factors; their influence on prevalence of cardiovascular diseases and to asses a possible prognosis of the above mentioned diseases at Slovak Armed Forces taking into account the characteristics of the soldiers' career.

Keywords: Cardiovascular disease, lifestyle, primary prevention, research.

POLES' SENSE OF SECURITY - SELECTED SOCIOLOGICAL ASPECTS

Katarzyna DOJWA-TURCZYNSKA

Abstract: Security is one of basic individual and social needs. It is the responsibility of public institutions which, operating in a democratic state, must not only make sure that it is ensured on various planes and in various dimensions, but also accept that the opinions of citizens are important in this respect. Poles generally feel safe in their country, and declare that their place of residence is peaceful. This however does not exclude the fact that recently part of Poles have been victims of crimes or are afraid that such a situation may happen to them.

Keywords: Security, public security, threat of terrorism, opinion polls.

COMMON SECURITY AND DEFENCE POLICY – GENERAL FRAME WORK OF EUROPEAN COMMON SECURITY AND DEFENCE MANIFESTATION

Ovidiu-Gheorghe MOSOIU

Abstract: CSDP implies the existence of an operational capacity that starts with military and civil means, strongly reassured by the member states. EU could take action outside the European continent, not only for the benefits of the member states, aiming the pace keeping, the strengthening of international security and preventing the conflicts based on the UN Charter. Romania, as a member of NATO and EU has the obligation of complying and implementing the treaty provisions of which takes part in, within the internal laws.

Keywords: CSDP, treaty, policy, security and defense, missions, EU, OEU, military capacities, collective defense, forces and means.