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I. MILITARY SCIENCES

THE POLITICAL DIMENSION OF THE ECONOMIC DEVELOPMENT

LTG (r) Assoc.Prof. Neculai STOINA, PhD

Asst.Prof. Anca DINICU

ABSTRACT

The political participation, the responsible governing and the human rights' respect, as well as the attention for human needs are more and more important, being analyzed as features of the political development, but which, in the same time, are related to the general meaning of the development concept.

The political development expresses the evolution process of the institutions, attitudes and values, which form the political power system of a society. But, a harmonious relationship between this type of development and the one belonging to the economic field, does not always exist.

THE ELEMENTS OF POWER IN THE PROCESS OF SECURITY GLOBALIZATION.

**THE MILITARY POWER AND USE OF FORCE IN THE MANAGEMENT OF THE
GLOBAL SECURITY**

BG Dan GHICA-RADU

ABSTRACT

Future military conflicts no longer appear only as a strategic dramatic break, often accidental, but as phenomena increasingly controlled by the international community. The management of tensions and crises is developed by the military action to prevent the outbreak of scale conflicts. In the context of globalisation, no actor on the nowadays geopolitical scene can project the force and power independently, the interdependencies compelling to total or partial cooperation.

**TTHE IMPLICATIONS OF SECURITY OPERATIONAL ENVIRONMENT DYNAMICS
OVER POLITICAL-MILITARY ORGANIZATION AT THE BEGINNING OF THE 21ST
CENTURY**

BG Dan GHICA-RADU

ABSTRACT

The way military power is projected at the beginning of the millennium and the way the means of using it influenced the operational environment - are questions that we are trying to answer during this analysis, having no claim to cover this continuously transforming and perfecting domain.

SPECIAL CLOTHING AND EQUIPMENT FOR THE CZECH MILITARY POLICE

MAJ Petr HARASTA

ABSTRACT

Special clothing and equipment for Czech military police is described in the article. One of the basic tasks of the logistic support is to provide military policemen with good-quality clothing and equipment that is fully comparable with the equipment highly developed NATO countries. The clothing and equipment must provide sufficient protection and acceptable comfort in the given climatic conditions.

POSSIBILITIES OF AIR FORCES AT PERFORMANCE OF TASKS CLOSE AIR SUPPORT OF THE GROUND FORCES

Janošek MIROSLAV

ABSTRACT

This contribution concentrates on the issue of close air support (CAS) capabilities of Air Force and its organization in terms of both pre-planned and on-call mission fulfillment. Further, capabilities of Forward Air Controller (FAC) during conduction of close air support tasks both from ground and air are mentioned. The conclusion mentions L-159 aircraft's capabilities for CAS, and guided ammunition employment during conflict in Persian Gulf.

THE INTERNATIONAL PERCEPTION OF PUBLIC ORDER

Chief Commissioner Catalina UDEANU

ABSTRACT

Organized crime has an influence on virtually all the states but paradoxically no country whatsoever, not even the USA can ensure its own security through individual and unilateral actions. At a global level, the ever growing complexity governing the international relations has had a significant impact upon the security environment against which stability would no longer be achieved unless multidirectional cooperation was developed, the dialogue between states was extended and international organizations took an active part in redefining the global security environment.

II. MANAGEMENT

HISTORICAL ASPECTS OF MILITARY LOGISTICS

Assoc.Prof. Vania BANABAKOVA, PhD

Momchil Simeonov STOYANOV, PhD

ABSTRACT

The goal of the paper is to research the main aspects of application of logistics in the military area. The paper goes through the historical development of military logistics in the different periods of military history. The aim of this paper is to examine the origins and development of military logistics, as well as to present its importance for the achievement of the aims of military operations.

THE COMPETITIVE ADVANTAGES OF THE TRANSPORTS' INTER-MODALITY IN A GLOBAL ECONOMY

Prof. Dan HAULICA, PhD

ABSTRACT

The multimodal freight transport has emerged as one of the most dynamic dimension of the transport sector, becoming for now the main element supporting global commodity and generally supply chains. Yet the lack of seamlessness and inefficiencies in general as well as the rising costs and complexities of shipping and delivering goods, are adding to profit pressures faced by manufacturers across the globe. The paperwork discusses the concept of inter-modality, and then examines some of the consequences of the lack of seamlessness in terms of freight transport inefficiency. From this perspective the study examines the new developments in which inter-modality, technology and logistics are changing and will have the impact of heightening competitive advantage and reducing constraint points in production value chains and global production networks.

ASPECTS REGARDING THE IMPORTANCE OF HAVING A FINANCIAL AUDITING INSIDE COMPANIES

Asst.Prof. Alina Teodora CIUHUREANU, PhD

Prof. Nicolae BALTES, PhD

ABSTRACT

The financial statements represent a basic element of the management of the financial-accounting activity, because they are the fundamental means of communicating the information to the users. In a time when the accounts' consolidation, the financial-accounting ethical practices and not only, are becoming more important, the organizations will have to go towards making the internal control, the risk management, and the observance of corporate government principles more efficient. Under these circumstances, the organization should strengthen or create the financial auditing activity. Doing a financial audit supposes knowing the conceptual accounting framework at a national and international level, knowing the principles, the evaluation norms and rules, the accounting technical instruments and the International Auditing Standards.

QUALITATIVE INDICES – A NEW SOURCE TO OPTIMIZE FINANCING ROMANIAN HIGHER EDUCATION

Asst.Prof. Ramona TODERICIU, PhD

Prof. Emanoil MUSCALU, PhD

ABSTRACT

In the category of numerous difficulties faced by the Romanian higher education system at the beginning of the 21st century, a very important place is held by financial issues, ensuring the existence of funding necessary to undergo an activity. This is usually the root of many unbalances that appear in the organization and manner of the educational system functioning. If until 1998 the state was the only financer, the situation has changed afterwards when the study fee was introduced. Nowadays, the state budget represents only 50% from the universities' budgets. The rest is represented by university resources. The reduction of the state contribution in financing universities has changed in university and financial autonomy, mainly in creating and using outer-budget resources.

Creating a flexible, efficient and efficacious financial system is from our point of view the only viable solution for Romanian universities, still undergoing curricula restructuring, mainly in terms of reorientation and rethinking financial issues and financial management, seriously affected by faulty finances. Only abiding to these conditions, universities can manage an exogenous uncertain environment, which is in continuous development, in which expenses control by using expenses' norms is an alternative that may be considered.

The new financial strategy based on global financing ensures administrative flexibility and "considerably leads the economic motivation in elaborating general strategies of institutions, being an essential instrument, but also an expression of university autonomy".

THE IMPACT OF THE ECONOMIC AND SOCIAL COHESION AT THE EUROPEAN LEVEL

Asst.Prof. Marieta STANCIU, PhD

Asst.Prof. Carmen PUIU, PhD

ABSTRACT

The process of European construction always reflected the need of maintaining a balance between the economic and social dimension. As a result, European social policy covers many fields, having varied competences in workers free circulation, coordinating systems of social protection, equality of chances, health and security at the work place, as well as harmonizing certain stipulations regarding work rights. Adopting in 1989, the Community Book of workers fundamental social rights, it gave a new impulse to social policy, constituting itself not only in a symbol but also having an operational feature, because it was accompanied by an action programme of applying its principles.

**THE SIMULATION METHOD AND THE INFORMATION SYSTEM FOR EDUCATION.
MAP- E-NETWORK ON EDUCATIONAL PLANNING AND MANAGEMENT**

LTC Assoc.Prof. Leontin STANCIU, PhD

Asst.Prof. Daniela COSMA

ABSTRACT

The preparation of any plan is a complex and delicate exercise. Like any therapy, a plan should be based on a precise and exact diagnosis if it is to be effective. The latter is indispensable in the process of planning: it makes it possible to take stock of the state of education, and identify problems through a detailed and critical analysis in order to be able to propose solutions. In other words, a diagnosis enables the identification of needs, which the plan, through the definition of new strategies, is supposed to meet. The definition of objectives, the choice of strategies and policy decisions should be based on objective data, which do not only give an idea of the functioning of the education system, but also help in planning, management, and evaluation.

III. PUBLIC ADMINISTRATION AND SOCIAL SCIENCES

ACADEMIC STUDIES IN ENGLISH IN A NON-ENGLISH SPEAKING COUNTRY

Prof. Violeta TACHEVA, PhD

Evdokia SKOCHEVA

Violeta KARASTATEVA

Sevda HRISTOVA

Albena DOBREVA

ABSTRACT

The present paper makes an analysis of the new trends in the academic studies in modern Europe and the new academic practices in Bulgaria. The research is focused on aims and objectives, results, problems, advantages and disadvantages of the academic instruction in English in a non-English speaking country. Special attention is devoted to the curricula and syllabi on the particular subjects with respect to their adaptation for the needs of the academic instruction in English. Examples from the hands-on experience of the Medical and Technical Universities in Varna are given. The prospects for the different specialities and higher education institutions in Bulgaria are outlined.

**THE ATTITUDINAL DYNAMICS OF MILITARY HIGH SCHOOL STUDENTS
TOWARD THE MILITARY CAREER**

Prof. Ion DINESCU, PhD

Assoc.Prof. Diana ILISOI, PhD

TA Daniela NAGY

ABSTRACT

The macro and micro-social transformations produce significant mutations within the value scale and respectively in relation with individuals' attitudes. Such attitudinal changes are implicitly obvious with military high school students. The paper aims at highlighting this very attitudinal dynamics.

COMMUNICATION IN PUBLIC SERVICES AND ITS CURRENT STAGE IN ROMANIA

Prof. Robert MORAR, PhD

ABSTRACT

Communication accompanies public services work, contributing to its proper development. It is also a promoter of public services. A set of communication hindrances appears and needs consideration.

Starting from the aims targeted by communication in an organization, we can distinguish between internal operational communication, external operational communication and inter-personal

communication. After a period of neglect, public services communication in Romania is currently being renewed, due to radical changes in Romanian society since 1990. We are witnessing a reassessment of communication, as a most important factor of public services development.

RESILIENCE BUILDING UP STRATEGY IN THE AMERICAN SECURITY POLICY

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SA Amalia LEBU

TA Brandusa-Oana COSMA

ABSTRACT

Resilience is defined as a dynamic process that individuals exhibit positive behavioural adaptation when they encounter significant adversity or trauma. Resilience is a two-dimensional construct concerning the exposure of adversity and the positive adjustment outcomes of that adversity. Adversity refers to any risks associated with negative life conditions that are statistically related to adjustment difficulties, such as the experiences of the 9/11 attacks. Positive adaptation, on the other hand, is considered in a demonstration of manifested behaviour on social competence or success at meeting any particular tasks at a specific life stage, such as the absence of psychiatric distress after the September 11th terrorism attacks on the United States.

STATE AID – COMPETENCES AND PRINCIPLES BEFORE ROMANIA’S ACCESSION TO THE EUROPEAN UNION

Assoc.Prof. Ilie MOGA, PhD

ABSTRACT

Since the accession date, the power of the Competition Council regarding the authorisation of the state aids has been a prerogative of the European Commission and the community legislation in the state aid field became directly applicable in Romania.

USING THE INTERNET AS A TOOL IN THE FOREIGN LANGUAGE CLASSROOM

Asst.Prof. Simona BOSTINA-BRATU, PhD

ABSTRACT

This study starts with a short history of the Internet, and focuses on some pros and cons to using the Internet in language classes. Even if there are many obstacles to the effective use of the Internet in schools and universities, our study will show that there are still many reasons why a teacher should take advantage of it.

INFORMATION AND PUBLIC RELATIONS CAMPAIGN IN PROMOTING THE MILITARY PROFESSION – A POINT OF VIEW

COL Asst.Prof. Radut BILBIE

ABSTRACT

A public campaign sustains the efforts of any organization in building social relationships or in promoting goods and services. As long as we determine our objectives, plan the campaign, monitor it and select the most efficient means of advertising, the results will be great. The Romanian Army launched some campaigns with specific slogans and logos in order to attract young people in choosing a military profession as the conscript military service was no longer an option. In my study I will analyze the results of such campaigns in Romania.

IV. TECHNICAL SCIENCES

NEW FINDINGS FROM VEHICLES MAINTENANCE AND MATERIALS IN LOGISTICS

Dipl.Eng. Jaromir MARES, PhD

Dipl.Eng. Petr HARASTA

ABSTRACT

The paper deals with new findings in maintenance area in the Czech Republic and mainly during

abroad missions. There are new precautions for liquidation of property abroad and coefficients for different levels of maintenance with regards to difficult running conditions.

THE EFFECTS OF THE FAR AND NEAR ELECTROMAGNETIC FIELD ON THE HUMAN BODY

Prof.Eng.Gheorghe SAMOILESCU, PhD

Prof.Eng. Alexandru SOTIR, PhD

Assoc.Prof.Eng. Mircea CONSTANTINESCU, PhD

Asst.Prof. Alina BARBU, PhD

Eng. Florentiu DELIU

ABSTRACT

The paper presents a simulation programme regarding the effects of the electromagnetic field on the crew of a ship. The purpose of the paper is to put forward methods, measurements and procedures which can be used for the protection of personnel exposed to electromagnetic radiation.

TESTING WITHIN E-PLASTICITY E-LEARNING ASYNCHRON SOLUTION IN THE FIELD OF ELASTIC-PLASTIC APPLICATION OF THE THICK-WALLED TUBES

Prof.Eng. Ghita BARSAN, PhD

Assoc.Prof.Eng. Luminita GIURGIU, PhD

Prof. Benoni SFARLOG, PhD

Asst.Prof. Gheorghe MOTOC

ABSTRACT

Advanced Distributed Learning (e-learning) is the most recent initiative from a long campaign designated for developing the information technology advantages and the simulations during education and training performance. For different military and civil organizations, ADL has various meanings and it is applied in different ways. Defining it, a common fundamental request is compulsory, that is, ADL has to instruct and sustain the performance and decision, anytime and anywhere it is necessary: in the class rooms, in the garrison, or even on the training and battle field.

This paper presents testing designing aspects within the e-plasticity educational module, which represent a CNCSIS grant outcome, code 970/2007. This project aimed the Land Forces Academy educational side by elaborating an educational module for students, in the field of plasticity, actually, designing an e-content capability in the mechanical engineering field, which should lead to the constitution of the educational virtual library.

CRYPTOGRAPHY AND CRYPTOGRAPHIC HARDWARE AND IMPLEMENTATIONS

Eng. Dan ANDREESCU

ABSTRACT

Man's wish to communicate in a coded manner is as old as the world itself and it has been developing ever since the beginning of our civilization. The means to develop the communication encoding system had been developed by several antique civilizations, such as Mesopotamia Egypt, India, China and Japan.

In this context, we highlight the four categories of people paying their contribution to the art of cryptography: militaries, diplomats, people holding diaries and lovers. Out of them, militaries had the most significant contribution in this field.