

Summary report on research accreditation

I. General information

Name of organization	Armed Forces Military Academy "Alexandru cel Bun"
Organization type (<i>to underline</i>)	Research institute <u>High education institution</u> Ministerial research institute
Research mission of organization	- to organize and perform fundamental and applied scientific researches in the field of security, defense and military education; - to popularize and implement the results of scientific research and advanced technologies in order to find more effective ways to cope with the problems encountered by the National Army of the Republic of Moldova
Strategic research direction (s)	1. Edification of the state of law and capitalization of the cultural and historical patrimony of Moldova in the context of European integration; 2. Capitalization of human, natural and information resources for a sustainable development.
Evaluated period	2008-2012
Web of organization	www.academy.army.md

II. Research capacity (annual average for evaluated period)

Total number of employees	265 (per Academy)					
Number of scientific researches	25,0					
Number of researches who possess honorific titles, scientific degrees, scientific and scientific-didactical titles	ASM full members	ASM corresp. Members	Professor	Associated professor	Dr.hab.	Dr. (PhD)
	-	-	3	7	4	21
Number of researches involved in international projects	FP7	STCU	Bilateral	Others		
	-	-	-	-		
Number of young researches (under 35 years old)	Dr. (PhD)	PhD students	Others			
	12,5	9.0	-			
Financial resources (thousand MDL)	Public budget	International projects/grants	Research contracts			
	3126.2	-	-			
Distribution of expenditures (thousand MDL)	Salary	Infrastructure development	Other			
	789.6	2336.6	-			
Expenditures for infrastructure development (thousand MDL)	Equipment	IT infrastructure	Endowment of experimental resorts			
	159.4	112.4	1171.4			
List of 3 basic research methods, installations, technologies (per	Installations, technologies, software, programs: - The system of controlled imitation of the recoil for the shooting simulator from light infantry weapons;					

accredited field)	<ul style="list-style-type: none"> - The artillery device of reduced firing; - Program regarding the assessments of students/officers from the artillery branch at shooting and conducting the artillery fire; - Reduced polygon (installation for indicating the shooting objectives and actions); - Installation with sectioned projectiles; - Topographic work maps on achieving group training sessions. <p>Methods:</p> <ul style="list-style-type: none"> - Training of the battle activities at the command and observation point; - Teamwork regarding the fulfilment of joint military missions.
List of provided scientific services	-
List of editorial activities	With contribution of the university staff, the following scientific editions are printed: MILITARY MAGAZINE (ISSN 1857-405X). www.academy.army.md

III. Distribution of number of research projects and themes during evaluated period

Scientific activity is organized within the Centre for Strategic Studies and Security (CSSS), which includes 10 scientific laboratories divided into 3 scientific departments. The investigations were limited to the research objectives set out in the norm of didactical personnel (university research themes).

IV. Scientific publications

Total number of publications abroad	Books 4	Chapters in books 4	Journal papers 29
Total number of publications in ISI journals and books	Books -	Chapters in books -	Journal papers -
Total number of publications in the country	Books 24	Chapters in books 7	Journal papers 116
Total number of conference abstracts	International abroad 37	International in the country 6	National 6
List of 5 representative publications (per accredited field)	<ul style="list-style-type: none"> - LEȘCU, A. Români Basarabeni în istoria militară a Rusiei: de la războaiele din Caucaz la Războiul Civil. București. Editura Militară, 2009, 409 p. - XENOFONTOV I. Războiul din Afghanistan în memoria participanților din Republica Moldova (1979–1989). Realitate istorică și imaginar social. Red. șt. C. MANOLACHE. Iași: Editura LUMEN, 2010, 584 p. ISBN 978-973-166-237-4 - ALBU N. Interesul național al Republicii Moldova în contextul aprofundării procesului de integrare europeană. Impact strategic, București: 2012, Editura Universității Naționale de Apărare „Carol I”, Nr. 2 [43], p.70-78 - ЛЕШКУ Анатолий. Антонеску vs. Сталин. Боевые действия на Южном фронте летом-осенью 1941 года. Битва за Одессу, 		

	<p>Военный комментатор. Военно-исторический альманах, 2010, N2(10), Екатеринбург.</p> <ul style="list-style-type: none"> - СЕБОТАРИ Svetlana, XENOFONTOV Ion, The Foreign Policy of the Republic of Moldova in the Contest of International Relations. <i>Postmodern Openings</i>, Iași, Year 2, nr. 5, 2011, p. 127-146. - CIOBANU V. Recrutarea și mobilizarea basarabenilor în armata rusă. Anuarul Muzeului Pitești, România, 2009.
List of 5 citations	<ul style="list-style-type: none"> - MANOLACHE C. Ecological security. Politico-military aspect. Monograph. Military Institute of the Armed Forces. Chisinau, 2008. <i>cited by</i> Xenofontov, Ion. [recenzie] / Ion Xenofontov // Revista militară. – 2010. – Nr. 1. – P. 97-99. - MANOLACHE C. Ecological security. Politico-military aspect. Monograph. Military Institute of the Armed Forces. Chisinau, 2008. <i>cited by</i> XENOFONTOV I. The war in Afghanistan in memory of participants from Moldova (1979-1989). Historical reality and the social imaginary. Scientific editor C. MANOLACHE. Iassy: LUMEN Publishing House, 2010, p.13. - MANOLACHE C. Ecological security. Politico-military aspect. Monograph. Military Institute of the Armed Forces. Chisinau, 2008. <i>cited by</i> Varzari, Vitalie, National security of the Republic of Moldova in the context of European integration. Speciality 23.00.01 – Theory, Methodology and History of Political Sciences, institutions and political processes. PhD thesis in political science, Chișinău, 2012, p. 28. - СЕБОТАРИ S., SACA V., COROPCEAN I., Moldovan foreign policy within the context of integration processes, Military Institute of the Armed Forces. Chisinau, 2008, 180 p. <i>cited by</i> Rotaru, Veronica, Moldovan foreign policy in the context of the moral dimensions: realities and desiderates. Speciality 23.00.01 – Theory, Methodology and History of Political Sciences; institutions and political processes. PhD thesis in Political Science, Chișinău, 2013, p. 154. - XENOFONTOV I. The war in Afghanistan in memory of participants from Moldova (1979-1989). Historical reality and the social imaginary. Scientific editor C. MANOLACHE. Iassy: LUMEN Publishing House, 2010 <i>cited by</i> Marinuța, Vitalie, Military and civilian relations in the context of the rule of law: political- scientific approach, Chisinau, 2013, p 97.

V. Innovation outputs

Total number of patents	Registered 1	Registered abroad -	Implemented 1
Total number of new developed methods and technologies	Registered -	Non-registered 5	Implemented 5
Total number of new scientific products	Registered 1	Non-registered -	Implemented 1
Total number of scientific outputs for central and local authorities (draft of	9		

law, strategies etc.)			
Total number of scientific outputs for educational institutions	Handbooks for high education 33	Handbooks for pre-university institutions -	Delivered university courses 42
List of 5 representative innovation outputs (per accredited field)	1. System of controlled imitation of the recoil of the simulator of light infantry weapons; Series: SW (Scientific work); Registration number: 3829; Authors: Lt.col. Safonov Ghenadie, Lt.col. Buruc Alexandru; dr. Caireac Leonid; dr. Antoniu Constantin, dr. Malcoci Nicolae. The holder of patrimonial rights: Military Academy of Armed Forces "Alexandru cel Bun" IDNO: 1006601003500		

VI. Major scientific and innovation achievements

Short description of main scientific results and its confirmation (by awards, citations, development of international projects etc.)	<p>Scientific direction 1. Edification of the state of law and capitalization of the cultural and historical patrimony of Moldova in the context of European integration</p> <p>The researches aimed to reassess and reconsider the social, economic, political and cultural phenomena with direct repercussions on the national military domain; to appreciate the events occurred in Medieval Moldova, interwar Bessarabia, RASSM RSM and Moldova.</p> <p>A number of issues related to the aspects of activity of national military field, state institutions, of evolution of theories on the military establishment, the political and organizational compliance of various models and styles were examined. Also, issues related to the recent history of the Republic of Moldova were treated: Transnistria conflict, relations between the state, religion, culture etc.</p> <p>Scientific direction 2. Capitalization of human, natural and information resources for a sustainable development</p> <p>Issues concerning the modernization of the military educational process were addressed, as well as its transition to the western education standards in the context of European integration, focused on the improvement of the military higher education and research in the areas of military science, military pedagogy, military psychology, national security and defense.</p> <p>Scientific direction 3. Security and defense</p> <p>The investigations were focused on EU sectorial policies, especially on the European policy on security and defense. Particular attention was given to the National Army daily problems, such as combat training of troops, military reform, military construction, international cooperation in the military sphere.</p>				
Number of organization' invited speakers at international conferences	2008 4	2009 5	2010 2	2011 4	2012 6
Short description of technological transfer and innovation results and its certification by implementation	<p>The participation of the departments' personnel at the annual scientific events "Current problems of military science", as well as their work in the institution's laboratories have determined the elaboration of several installations and technologies used both in the teaching process and the scientific work, such as:</p> <ul style="list-style-type: none"> - The system of controlled imitation of the recoil of the simulator of 				

	light infantry weapons - The artillery device of reduced firing - Program regarding the assessments of students/officers from the artillery branch at shooting and conducting the artillery fire; - Program on automation of military Topogeodesy data calculation				
Number of defended dr.hab./dr. theses per year	2008	2009	2010	2011	2012
	-	-	-	0/2	-

VII. Present/further involvement in the Seventh Framework Programme (FP7): *Project of scientific research: „Environmental Protection and Safety of Offshore Platforms and Surroundings Areas in the Western Black Sea” (ENVISAFPLATFORM-BLACKSEA), February 2012, carried out within the Seventh Framework Programme (FP7).* Project conducted by the Military Academy “Alexandru cel Bun” in collaboration with Carol I National Defence University.

VIII. Accredited research field and its evaluation by the National Council for Accreditation and Attestation of the Republic of Moldova (very good/good/ satisfactory)

Research Area: **Ensuring the National Security – Landmarks for the Republic of Moldova - satisfactory**

IX. Category (A/B/C) attributed by the National Council for Accreditation and Attestation of the Republic of Moldova to the organization – Category C

X. Institutional development actions planned for the next 5 years (maximum ½ page).

Actions related to the institutional development for the next five years include:

- to increase the number of scientific publications published in the country and abroad;
- to promote young researchers in the research field, development and innovation (3 out of 24 under the age of 35);
- to optimize the management of scientific research in order to enhance the effectiveness of expected results;
- a more active participation in competitions related to obtaining research projects;
- to increase the scientific cooperation at international level, including the initiation and development of joint projects with foreign partners;
- to promote the employment of scientific researchers by contest for the main positions;
- to keep track of the work records in strict compliance with the law;
- the financial records from the beginning of the year should include the planned revenues and expenditures of the secondary plan, being divided into Articles, Paragraphs and Months;
- the planning of the financial resources of the secondary plan should be in accordance with calendar plan indicated in the projects (or research subjects).

Commandant (rector) academy
colonel Mihail BUCLIȘ