

INTERNATIONAL SCIENTIFIC BOARD

Editor-in-chief: COL. Assoc.Prof.Eng. **Ioan VIRCA**, PhD

“Nicolae Bălcescu” Land Forces Academy, Sibiu

Editorial assistant: **Maria-Cristina ȚUNDRECI**

“Nicolae Bălcescu” Land Forces Academy, Sibiu

Technical editor: **Decebal-Nicolaie TODĂRIȚĂ**

“Nicolae Bălcescu” Land Forces Academy, Sibiu

MEMBERS

Adi ADUMITROAIE, Institute of Fundamental Technological Research Polish Academy of Sciences, Warsaw, Poland;
Constantin ANDREI, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Kadir AZTEKIN, Turkish Military Academy, National Defence University, Ankara, Turkey;
Alexandru BABOȘ, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Dorel BADEA, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Thomaz BAK, University of Law and Administration, Rzeszów, Poland;
Ghiță BĂRSAN, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Paul BECHET, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Laviniu BOJOR, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Ioan BONDREA, “Lucian Blaga” University, Sibiu, Romania;
Ștefania BUMBUC, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
George BUCĂȚA, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Vasile CĂRUȚĂȘU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Lucian-Ionel CIOCA, “Lucian Blaga” University, Sibiu, Romania;
Marius CIOCA, “Lucian Blaga” University, Sibiu, Romania;
Alina CIUHUREANU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Ella Magdalena CIUPERCĂ, National Institute for Research and Development in Informatics, Bucharest, Romania;
George CHILADZE, The University of Georgia, Tbilisi, Georgia;
Ionuț Alin CÎRDEI, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Mădălina COCOȘATU, National University of Political Studies and Public Administration, Faculty of Public Administration, Bucharest, Romania;
Carmen COMĂNICIU, “Lucian Blaga” University, Sibiu, Romania;
Anca DINICU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Isabela-Anda DRAGOMIR, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Teodora DRĂGHICI, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Virgil ENE-VOICULESCU, “Mircea cel Bătrân” Naval Academy, Constanța, Romania;
Cătălin FETEĂU, “Dunărea de Jos” University, Galați, Romania;
Elena FLORIȘTEANU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Hortensia GORSKI, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Constantin GRIGORAȘ, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Laurențiu GRIGORE, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Sabin GUTAN, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Marcel HARAĖAL, Armed Forces Academy of “General Milan Rastislav Štefánik”, Liptovský Mikuláš, Slovak Republic;
Sarka HOŠKOVÁ-MAYEROVA, University of Defence, Brno, Czechia;
Dumitru IANCU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Daniela ILIE, “Lucian Blaga” University, Sibiu, Romania;
Florin ILIE, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Irina IOANA, “Mihai Viteazul” National Intelligence Academy, Bucharest, Romania;
Lucian ISPAS, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Adrian Liviu IVAN, “Mihai Viteazul” National Intelligence Academy, Bucharest, Romania;
Tomasz JALOWIEC, War Studies University, Warsaw, Poland;
Jugoslav JOZIĆ, Croatian Defence Academy “Dr. Franjo Tuđman”, Zagreb, Republic of Croatia;
Martin MACKO, University of Defence, Brno, Czech Republic;
Crenguța Mihaela MACOVEI, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;

Fabiana MARTINESCU-BĂDĂLAN, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Gabriel MĂNESCU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Simona MICLĂUȘ, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Liviu-Nicolae MIHĂESCU, “Lucian Blaga” University, Sibiu, Romania;
Gabriela MIHĂILĂ-LICĂ, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Marius MILANDRU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Gheorghe MINCULETE, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Nicolae MORO, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Dănuț MOȘTEANU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Silviu NATE, “Lucian Blaga” University, Sibiu, Romania;
Mihai Marcel NEAG, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Pavel NECAS, University of Matej Bel, Banská Bystrica, Slovak Republic;
Brândușa-Oana NICULESCU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Romana OANCEA, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Laurean-Georgel OPREAN, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Alena OULEHLOVÁ, University of Defence, Brno, Czech Republic;
Pavel OTRISAL, Palacký University, Olomouc, Czech Republic;
Silviu-Mihai PETRIȘOR, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Elitsa PETROVA, “Vasil Levski” National Military University, Veliko Tarnovo, Bulgaria;
Sorin PÎNZARIU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Toma PLEȘANU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Árpád POHL, Faculty of Military Sciences and Officer Training, Budapest, Hungary;
Ioan-Gabriel POPA, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Florin POPESCU, “Carol I” National Defence University, Bucharest, Romania;
Stelian POPESCU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Karl PRONHAGL, Theresian Military Academy, Wiener Neustadt, Austria;
Diana Elena RANF, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Aurelian RAȚIU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Ion ROCEANU, “Carol I” National Defence University, Bucharest, Romania;
Cristina Teodora ROMAN, “Alexandru Ioan Cuza” University, Iași, Romania;
Raluca RUSU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Annamaria SĂRBU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Dariusz SKORUPKA, The General Tadeusz Kosciuszko Military Academy of Land Forces, Wrocław, Poland;
Mirosław SMOLAREK, The General Tadeusz Kosciuszko Military Academy of Land Forces, Wrocław, Poland;
Sebastian-Emanuel STAN, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Leontin STANCIU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Robert STĂNCIULESCU, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Alexandru STOIAN, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania;
Robert SZABOLCSI, Obuda University, Budapest, Hungary;
Lucian-Ioan TARNU, “Lucian Blaga” University, Sibiu, Romania;
Venelin TERZIEV, “Vasil Levski” National Military University, Veliko Tarnovo, Bulgaria;
Paul TUDORACHE, “Nicolae Bălcescu” Land Forces Academy, Sibiu, Romania.

COPYRIGHT © 2024

First issued in 1996.

All rights reserved. No part of this publication may be reproduced without the prior permission of “Nicolae Bălcescu” Land Forces Academy Publishing House.

Each article is double blind peer reviewed by scientific advisors.

Authors take full responsibility for the articles published in this Review.

ISSN 2247-840X

ISSN-L = 1582-6384

PUBLISHER:

**“Nicolae Bălcescu”
Land Forces Academy Sibiu**

Address: 3-5 Revoluției Street, Sibiu

Tel.: 0040269/432990

Fax: 0040269/215554

E-mail: office@armyacademy.ro
editura@armyacademy.ro

Web: www.armyacademy.ro
www.armyacademy.ro/editura

Land Forces Academy Review is indexed in several International Databases.
For further information please visit <https://www.armyacademy.ro/engleza/review.php>