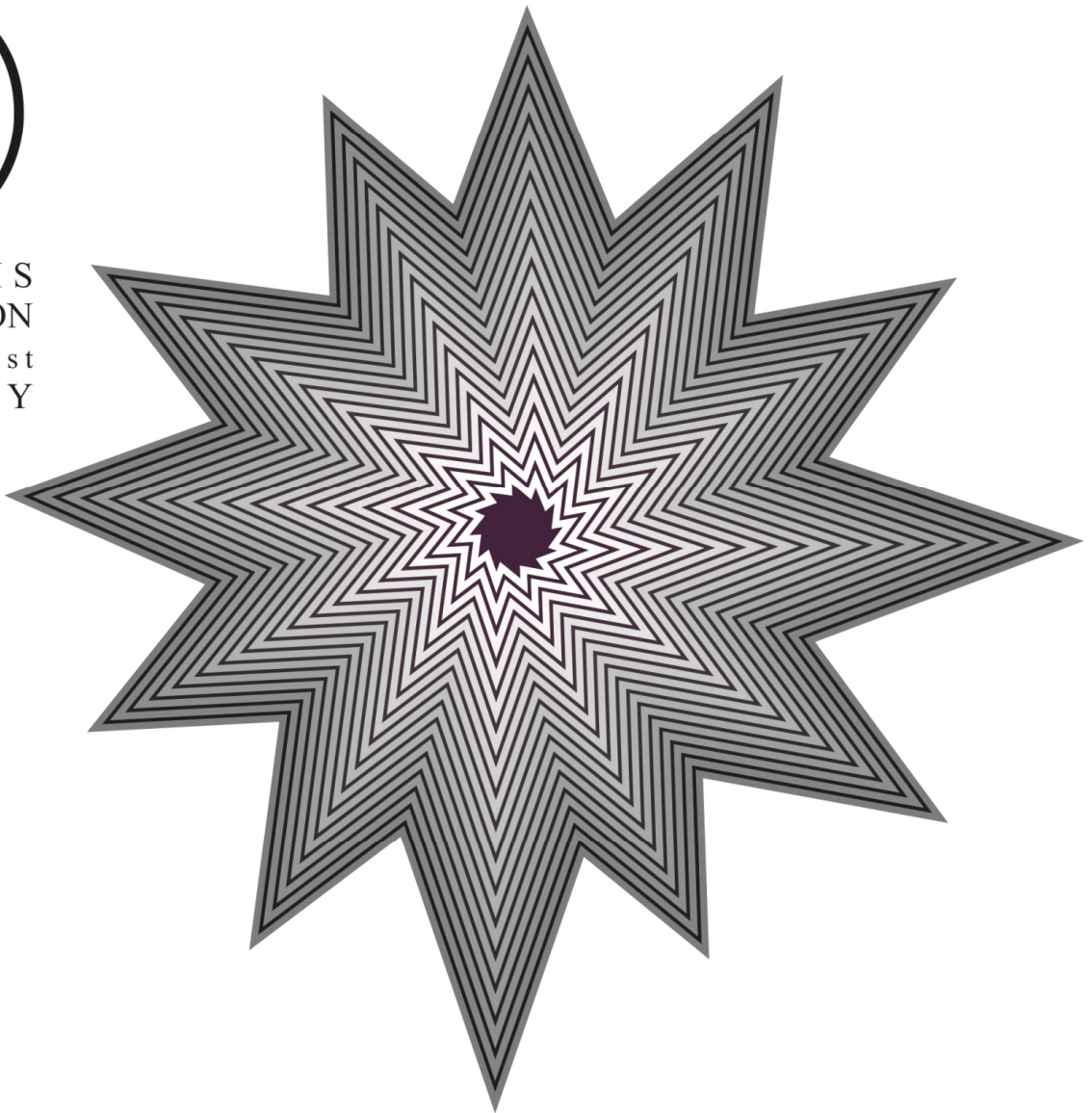


Vol. 75, No. 6, 2017



PROBLEMS
OF EDUCATION
IN THE 21st
CENTURY



PROBLEMS OF EDUCATION IN THE 21st CENTURY

ISSN 1822-7864



9 771822 786007

PROBLEMS OF EDUCATION IN THE 21st CENTURY

Scientia Socialis, Ltd. in cooperation with SMC „Scientia Educologica“, Lithuania,
*The Associated Member of Lithuanian Scientific Society, European Society for the History of
Science (ESHS) and ICASE (International Council of Associations for Science Education)*

The articles appearing in this journal are indexed, listed, and abstracted in:

SCOPUS	trueserials.com
Index Copernicus	PubGet
EBSCO: Education Research Complete	Excellence in Research for Australia ERA
Education Research Index Database Coverage List	(Australian Research Council ARC - Ranking
“Core” coverage	Journal list)
Central & Eastern European Academic Source	Zeitschriftendatenbank (ZDB)
Database Coverage List (EBSCO-CEEAS)	Directory of Research Journal Indexing (DRJI)
Cabell Publishing, Inc., Directories of Academic	Academic Keys
Journals	Sjournals Index
JournalSeek	Open Academic Journals Index (OAJI)
Ulrich’s Periodicals Directory / Global Serials	Global Impact Factor (GIF)
Directory	Scientific Indexing Services (SIS)
The Asian Education Index	GIGA Information Centre (Electronic Journals
SOCOLAR (China Educational Publications Import	Library)
& Export Corporation)	Polish Scholarly Bibliography /PBN/ (Polska
List of Science Education Journals	Bibliografia Naukowa)
John Lamp’s IS Pages: ERA journals in a Field of	European Reference Index for the Humanities and
Research	the Social Sciences (ERIH PLUS)
PECOB (Portal on Central Eastern and Balkan	ImpactFactor.pl
Europe)	Turkish Education Index
GESIS SocioGuide (Knowledge Base SSEE)	Information Matrix for the Analysis of Journals
Contemporary Science Association/AAP databases	(MIAR)
Electronic Serials in Lithuania	Scientific World Index (SCIWIN)
List of Journals Recognized by Polish Ministry of	Directory of Open Access Scholarly Resources
Science and Higher Education	(ROAD)
WebQualis (QUALIS/CAPES)	Directory of Open Access Journals (DOAJ)

Publisher

Scientia Socialis, Ltd. in cooperation with SMC „Scientia Educologica“, Lithuania, the Associated Member of Lithuanian Scientific Society, the Association of Lithuanian Serials, European Society for the History of Science (ESHS) and International Council of Associations for Science Education (ICASE)

Editor-in-Chief

Dr., Prof. **Vincentas Lamanuskas**, Šiauliai University & SMC „Scientia Educologica“, Republic of Lithuania

Editorial Board

Dr., Prof. **Boris Aberšek**, University of Maribor, Slovenia
Dr. **Saleh A. Alabdulkareem**, King Saud University, Saudi Arabia
Dr., Prof. **Agnaldo Arroio**, University of São Paulo, Brazil
Dr. **Monica Baptista**, University of Lisbon, Portugal
Dr., Prof. **Martin Bilek**, Charles University, Czech Republic
Dr., Prof. **Andris Broks**, University of Latvia, Latvia
Dr., Prof. **Marco Antonio Bueno Filho**, Federal University of ABC, Brazil
Dr. **Paolo Bussotti**, University of Udine, Italy
Dr. **Muammer Calik**, Karadeniz Technical University, Turkey
Dr., **Harun Yilmaz**, Scientific and Technological Research Council of Turkey, Turkey
Dr., **Angela James**, University of Kwazulu – Natal, South Africa
Dr., Prof. **Vladimir S. Karapetyan**, Armenian State Pedagogical University named after Kh. Abovyan, Armenia
Dr. **Kuo-Hung Huang**, National Chiayi University, Taiwan
Dr. **Milan Kubiato**, University of Zilina, Slovakia
Dr., Prof. **Miroslaw Kowalski**, University of Zielona Gora, Poland
Dr. **Todar T. Lakhvich**, Belarusian State Medical University, Republic of Belarus
Dr. **Eleonora Melnik**, Petrozavodsk State University, Republic of Karelia, Russia
Dr., Prof. **Danuše Nezvalova**, Palacky University, Czech Republic
Dr. **Osman Pekel**, Suleyman Demirel University, Turkey
Dr., Prof. **Yuriy Pelekh**, National University of Water Management and Nature Resources Use, Ukraine, Ukraine
Dr., **Raffaele Pisano**, Lille 3 University, France
Dr. **Costin Pribeanu**, National Institute for Research and Development in Informatics - ICI Bucuresti, Romania
Dr. **Agneta Simeonsdotter Svensson**, University of Gothenburg, Sweden
Dr. **Uladzimir K. Slabin**, University of Oregon, USA
Dr. **Laima Railienė**, Scientific Methodical Centre „Scientia Educologica“, Republic of Lithuania
Dr., Prof. **Borislav V. Toshev**, Sofia University, Bulgaria
Dr., Prof. **Milan Turčani**, Constantine the Philosopher University, Slovakia
Dr., Prof. **Nicos Valanides**, University of Cyprus, Cyprus

Copyright of this issue is the property of Scientia Socialis, Lithuania. By virtue of their appearance in this open access journal, articles are free to use, with proper attribution, in educational and other non-commercial settings

Index Copernicus (ICTM Value): 87.04 (2015)
Global Impact Factor (GIF): 0.652 (2015).
ICDS (Secondary Composite Index Broadcasting): 6.0 (2016).

Problems of Education in the 21st Century is an international, periodical, peer reviewed scientific journal, issued by the Scientia Socialis Ltd. in cooperation with SMC „Scientia Educologica“.

Address: Scientia Socialis, Ltd.
Donelaičio Street 29, LT-78115 Šiauliai, Lithuania
E-mail: problemsofeducation@gmail.com
Phone: +370 687 95668
WEB pages: <http://www.scientiasocialis.lt/pec>

© Scientia Socialis Ltd., 2017