

Vol. 20, No.1, 2021

ISSN 1648-3898 /Print/, ISSN 2538-7138 /Online/



JOURNAL
OF BALTIC
SCIENCE
EDUCATION

Journal of Baltic Science Education

ISSN 1648-3898



9 771648 389000

THE INTERNATIONAL JOURNAL OF THE SCIENTIA SOCIALIS Ltd. & SMC "SCIENTIA EDUCOLOGICA"

Vol.20, No.1, 2021

ISSN 1648-3898 /Print/

ISSN 2538-7138 /Online/

Journal of Baltic Science Education



JOURNAL
OF • BALTIC
SCIENCE
EDUCATION

The International Journal of the Scientia Socialis Ltd., & SMC "Scientia Educologica"

Editorial Board

Editor-in-Chief

Prof., Dr. Vincentas Lamanauskas Siauliai University, Lithuania

Deputy Editor-in-Chief

Prof., Dr. Andris Broks University of Latvia, Latvia

Deputy Editor-in-Chief

Prof., Dr. Miia Rannikmäe University of Tartu, Estonia

Executive Secretary

Dr. Laima Railienė SMC "Scientia Educologica", Lithuania

Editors:

Prof., Dr. Boris Aberšek	University of Maribor, Slovenia
Prof., Dr. Agnaldo Arroio	University of Sao Paulo, Brazil
Prof., Dr. Martin Bilek	Charles University, Czech Republic
Dr. Paolo Bussotti	University of Udine, Italy
Prof., Dr. Bulent Cavas	Dokuz Eylul University, Turkey
Prof., Dr. Salih Cepni	Uludag University, Turkey
Dr. Peter Demkanin	Comenius University, Slovakia
Dr. André du Plessis	Nelson Mandela University, South Africa
Dr. Markus Sebastian Feser	University of Hamburg, Germany
Prof., Dr. Jack Holbrook	University of Tartu, Estonia
Prof., Dr. Ryszard M. Janiuk	Maria Curie Skłodowska University, Poland
Dr. Milan Kubiato	Jan Evangelista Purkyně University in Ústí nad Labem, Czech Republic
Dr. Todor Lakhvich	Belarusian State Medical University, Republic of Belarus
Prof., Dr. Jari Lavonen	University of Helsinki, Finland
Dr. Rita Makarskaitė-Petkevičienė	Vilnius University, Lithuania
Prof., Dr. Paul Pace	Malta University, Malta
Prof., Dr. Valfrids Paškevičs	Daugavpils University, Latvia
Prof., Dr. Jongwon Park	Chonnam National University, Korea
Prof., Dr. Raffaele Pisano	University of Lille, France
Prof., Dr. Pavol Prokop	Comenius University in Bratislava, Slovakia
Prof., Dr. Konstantinos Ravanis	University of Patras, Greece
Dr. Alona Rauckienė-Michaelsson	Klaipėda University, Lithuania
Dr. Dušica Rodić	University of Novi Sad, Serbia
Prof., Dr. Heimo Saarikko	Helsinki University, Finland
Prof., Dr. Hae-Ae Seo	Pusan National University, Korea
Dr. Uladzimir K. Slabin	University of Oregon, USA
Prof., Dr. Andrej Šorgo	University of Maribor, Slovenia
Prof., Dr. Borislav V. Toshev	Sofia University, Bulgaria
Prof., Dr. Georgios Tsapralis	University of Ioannina, Greece
Dr. Muhammet Usak	Kazan Federal University, Republic of Tatarstan, Russian Federation

A scientific journal JBSE issued by the *Scientia Socialis Ltd.*, in cooperation with SMC *Scientia Educologica*, Lithuania, emphasizes theoretical, experimental and methodical studies in the field of science education. JBSE is an international academic journal. In order to maintain the high standards appropriate to such a journal, all contributions received are submitted for anonymous review by two experts, additionally to review by the Editor. The decision of the Editor on the acceptance of articles is final and no correspondence can be entered into on reasons for rejection of a submitted contribution.

Published since 2002

The journal is published bimonthly.

IF: 1.024 (2018)

H Index: 14 (2019)

SJR: 0.435 (2019)

ICDS: 10.7 (2017)

ICV: 159.24 (2019)

Address:

Scientia Socialis, Ltd.

Donelaičio Street 29, LT-78115 Siauliai, Lithuania

E-mail: mail.jbse@gmail.com

Phone: +370 687 95668

Home page: <http://www.scientiasocialis.lt/jbse/>

Skype: scientia12

ISSN 1648-3898 (Print)

ISSN 2538-7138 (Online)

© Scientia Socialis Ltd., a member of the Lithuanian Publishers Association, Lithuania, 2020