

# INFORMATION FOR CONTRIBUTORS

## EDITORIAL AND REVIEW PROCEDURES

**Journal of Baltic Science Education** (JBSE) publishes original scientific research articles in the field of Natural Science Education and related areas for all educational levels in the Baltic countries. It is possible to publish special (thematic) issues of JBSE. The papers should be submitted and will be published in English. JBSE will promote to establish contacts between researchers and practical educators both in the Baltic countries and countries around.

The authors of the manuscripts are responsible for the scientific content and novelty of the research materials. Articles, published before in other international journals or papers' collections will not be accepted for publication in JBSE.

As a publication that represents a variety of cross-disciplinary interests, both theoretical and practical, the JBSE invites manuscripts on a wide range of topics, especially in the following areas:

- Didactics of natural sciences.
- Theory and practice in natural science teacher education.
- Integrated natural science education.
- Natural science and technological literacy.
- General and professional natural science education.
- Philosophical, political, economical and social aspects of natural science education.
- The supplementary natural science education.
- ICT in natural science education.
- The standardisation of natural science education etc.

## MANUSCRIPTS GUIDELINES

The structure of the research paper presented to the **Journal of Baltic Science Education** should be as follows: abstract - short report of the investigation; introduction inc. aim and subject of the research; research methodologies and methods; results of the research incl. discussion; conclusions; list of references in APA style.

The papers should be submitted in English. If English is a second language for the author, please consider having the manuscript proof read and edited before submitting. The preliminary text of the article can be sent as a.doc file in the attachment by e-mail: mail.jbse@gmail.com

The text must be elaborated in Word for Windows, using 12 point Times New Roman letters. An article should not exceed 7-10 A4 pages, included figures, tables and bibliography. Publishing of longer articles should be negotiated separately. Texts margins: top and bottom 20mm, left - 25mm, right - 20mm. The title: capital letters, 14pt, bold; space between the title and the author's name is one line interval. Author's name and surname: small letters, 12pt, bold. Under the name, institution: 11 pt, italics; space between the title and the text: 1 line interval. Abstract – about 100-150 words - precedes the text. The text: 12pt Single or Auto spacing, in one column. Key words: no more than five words. The language must be clear and accurate. The authors have to present the results, propositions and conclusions in a form that can suit scientists from different countries.

Titles of the tables and figures: 11 pt, small letters. Space between figures or tables and the text: 1 line interval. Introduction, titles of chapters and subchapters: 12pt, bold, small letters. Numbers: Arabic, subchapters numbered by two figures (1.1, 1.2, etc.). Figures, tables and captions should be inserted within the manuscript at their appropriate locations. Diagrams and graphs should be provided as finished black and white line artwork or electronic images. When there are a number of illustrations, the author should endeavour to reduce the amount of text to accommodate the illustrations in the limited space available for any article.

References in the text should be presented in brackets (Knox, 1988; Martin, 1995). If necessary, the page can be indicated: (Martin, 1995, p.48). The list of references should be presented after the text. The Words List of References: 11 pt, bold, small letters. The references should be listed in full at the end of the paper in the following standard form:

*For books:* Saxe, G.B. (1991). *Cultural and Cognitive Development: Studies in Mathematical Understanding*. Hillsdale, NJ: Erlbaum.

*For articles:* Bekerian, D.A. (1993). *In Search of the Typical Eyewitness*. *American Psychologist*, 48, 574-576.

*For chapters within books:* Bjork, R.A. (1989). *Retrieval Inhibition as an Adaptive Mechanism in Human Memory*. In: H.L. Roediger III & F.I.M. Craik (Eds.), *Varieties of Memory & Consciousness* (pp. 309-330). Hillsdale, NJ: Erlbaum.

**On a separate page, author - related data should be presented in English: name, surname, degree and academic title, institution, full correspondence address in the clearest and most complete form /ordinary post and e-mail addresses /, position (to ensure anonymity in the review process). The author (authors) should confirm in writing, that the manuscript has not been published in other journal or handed over (transferred) to other journal for publication.**

## EDITORIAL AND REVIEW PROCEDURES

Manuscripts will be sent anonymously to reviewers with expertise in the appropriate area. All manuscripts will be reviewed by two experts before JBSE's accept them for publication. This process usually takes about two months. The journal co-editors will make minor editorial changes; major changes will be made by the author(s) prior to publication if necessary. JBSE's redaction will sent to author(s) only one correcture which must be sent back within 2 weeks. JBSE will not review submissions previously published elsewhere through print or electronic medium.

Manuscripts submitted to the JBSE cannot be returned to authors. Authors should be sure to keep a copy for themselves. Authors' signatures should be at the end of the paper and its second checked proofs.

Manuscripts, editorial correspondence (and other correspondence for subscription and exchange), and any questions should be sent to editor-in-chief or to regional redactors.

---

### Mailing Addresses

---

Prof., Dr. **Vincentas Lamanuskas**, editor-in-chief,  
Siauliai University

P. Vishinskio Str. 25; LT-76351 Siauliai, Lithuania

E-mail: v.lamanuskas@ef.su.lt

Phone: +370 687 95668

Dr. **Naglis Švickus**, co-editor, Lithuania

SMC "Scientia Educologica"

Kretingos Str. 55-10; LT-92300 Klaipėda, Lithuania

E-mail: naglis.svickus@nbggroup.lt

Phone: +370 687 89985

Prof., Dr. **Janis Gedrovics**, co-editor, Latvia

Riga Teacher Training and Educational Management Academy

Imantās 7 līnija No 1; Rīga, LV-1083, Latvia

E-mail: janis.gedrovics@piva.lv

Phone: +371 29162147

---



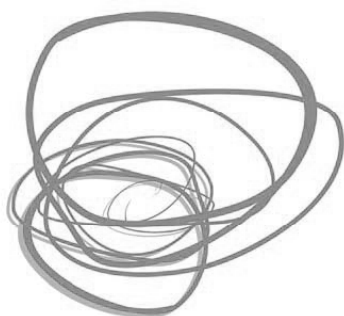
# Problems of Psychology in the 21st Century

## ISSN 2029-8587

VOLUME 1, 2012



PROBLEMS  
OF PSYCHOLOGY  
IN THE 21<sup>st</sup>  
CENTURY



**TOPICAL  
ISSUES  
IN  
PSYCHOLOGY -  
2012**



ISSN 2029-8587  
9 772029 616024

*Problems of Psychology in the 21st Century* is an international, periodical, peer reviewed scientific journal, issued by the Scientia Socialis, UAB in cooperation with SMC "Scientia Educologica".

### Editor-in-Chief

Prof. dr. **Vincentas Lamanuskas**, Scientific Methodical Centre „Scientia Educologica“, Republic of Lithuania

*Problems of Psychology in the 21st Century* (ISSN 2029-8587) is abstracted and/or indexed in:

Index Copernicus -  
<http://journals.indexcopernicus.com>

EBSCO - <http://search.ebscohost.com>

### Editorial Board

Dr., prof. **Ferda Aysan**, Dokuz Eylul University, Turkey

Dr., prof. **Serhiy Boltivets**, Grigory Kostyuk Psychological Institute of the Ukrainian National Academy of Pedagogical Sciences, Ukraine

Dr., assoc. prof. **Irena Gailiene**, SMC "Scientia Educologica", Republic of Lithuania

Dr., prof. **Irakli Imedadze**, Dimitri Uznadze Georgian Psychological National Society, Georgia

Dr. **Julia Lakhvich**, Belarusian State University, Republic of Belarus

Dr., prof. **Vladimir S. Karapetyan**, Armenian State Pedagogical University named after Kh. Abovyan, Armenia

Dr., prof. **Vincentas Lamanuskas**, Scientific Methodical Centre „Scientia Educologica“, Republic of Lithuania (Editor-in-Chief)

Dr., prof. **Maria Ledzińska**, University of Warsaw, Poland

Dr., prof. **Aleksandr Lobanov**, Belarusian State Pedagogical University, Republic of Belarus

Dr., prof. **Guna Svence**, Riga Teacher Training and Educational Management Academy, Latvia

Website: [http://www.jbse.webinfo.lt/PPC/Problems\\_of\\_Psychology.htm](http://www.jbse.webinfo.lt/PPC/Problems_of_Psychology.htm)



# Quality Issues and Insights in the 21st Century

## ISSN 2029-9575



VOLUME 1, 2012



RECENT  
ISSUES IN  
QUALITY –  
2012



*Quality Issues and Insights in the 21st Century* is an international, periodical, peer reviewed scientific journal, issued by the Scientia Socialis, UAB in cooperation with SMC “Scientia Educologica”.

### Editor-in-Chief

Prof. dr. **Vincentas Lamanuskas**, Scientific Methodical Centre „Scientia Educologica“, Republic of Lithuania

*Quality Issues and Insights in the 21st Century* (ISSN 2029-9575) is abstracted and/or indexed in:

Index Copernicus -  
<http://journals.indexcopernicus.com>

Electronic Serials in Lithuania -  
<http://www.eperiodika.lt/index.php?id=moksl>

### Editorial Board

MSc., **Renata Bilbokaitė**, University of Siauliai, Republic of Lithuania (Editorial Assistant)

Dr., **Andrea Bernhard**, Universities Austria, Austria

Dr., Prof. **John Gowland Mwangi**, Egerton University, Kenya

Dr., Prof. **Vincentas Lamanuskas**, Scientific Methodical Centre „Scientia Educologica“, Republic of Lithuania (Editor-in-Chief)

Dr., Prof. **Liviu Moldovan**, „Petru Maior” University of Tirgu Mures, Romania

Dr., Prof. **Kestutis Pukelis**, Vytautas Magnus University, Republic of Lithuania

Prof. **Ramayah Thurasamy**, University of Science Malaysia, Malaysia

Dr., Assoc. Prof. **Dalius Serafinas**, Vilnius University, Republic of Lithuania

Dr., Assoc. Prof. **Adriana Tafrova-Grigorova**, Sofia University St. Kliment Ohridski, Bulgaria

Website: [http://www.jbse.webinfo.lt/QIIC/Quality\\_Issues\\_Insights.htm](http://www.jbse.webinfo.lt/QIIC/Quality_Issues_Insights.htm)



# *Baltic Journal of Career Education and Management*

## *ISSN 2345-0193*

*Baltic Journal of Career Education and Management* is an international, periodical, peer reviewed scientific journal, issued by the Scientia Socialis in Cooperation with SMC "Scientia Educologica".

### Editorial & Review Board

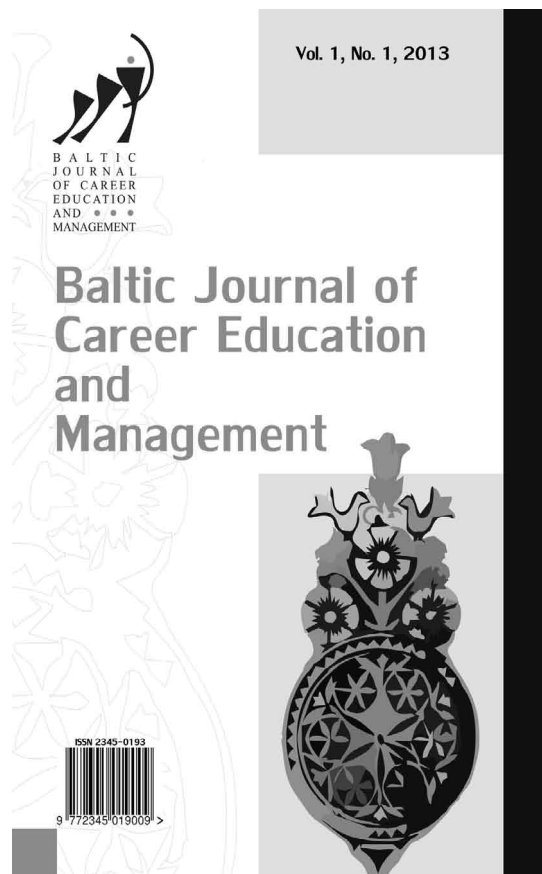
Dr., Assoc. Prof. **Dalia Augienė**, University of Siauliai, Lithuania (Editor-in-Chief)

Dr., Prof. **Metka Kordigel Aberšek**, University of Maribor, Slovenia

Dr., Prof. **Vincentas Lamanuskas**, Scientific Methodical Centre „Scientia Educologica“, Lithuania

Dr., Assoc. Prof. **Labby Ramrathan**, University of KwaZulu-Natal, South Africa

Dr., Assoc. Prof. **Gunārs Strods**, Rezekne Higher Education Institution, Latvia



*Baltic Journal of Career Education and Management* (ISSN 2345-0193) is abstracted and/or indexed in: Index Copernicus - <http://journals.indexcopernicus.com/> EBSCO - <http://search.ebscohost.com> etc.

© Scientific Methodical Center „Scientia Educologica“, Lithuania,  
 the associated member of Lithuanian Scientific Society, European Society for the History of  
 Science (ESHS) and ICASE  
 E-mail: [bjcem.journal@gmail.com](mailto:bjcem.journal@gmail.com)

# *Problems of Education in the 21st Century*

## **ISSN 1822-7864**

*Problems of Education in the 21st Century* is an international, periodical, peer reviewed scientific journal, issued by the SMC "Scientia Educologica".

### Editor-in-Chief

Prof.dr. **Vincentas Lamanauskas**, Scientific Methodical Centre „Scientia Educologica“, Republic of Lithuania

### Editorial Board

- Dr., prof. **Boris Abersek**, University of Maribor, Slovenia  
Dr. **Saleh A. Alabdulkareem**, King Saud University, Saudi Arabia  
Dr., prof. **Agnaldo Arroio**, University of Sao Paulo, Brazil  
Dr., prof. **Martin Bilek**, Hradec Kralove University, Czechia  
Dr., prof. **Andris Broks**, University of Latvia, Latvia  
Dr., prof. **Janis Gedrovcis**, Riga Teacher Training and Educational Management Academy, Latvia  
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., prof. **Mirosław Kowalski**, University of Zielona Gora, Poland  
Dr. **Todar T. Lakhvich**, Belarusian State M.Tank Pedagogical University, Republic of Belarus  
Dr. **Eleonora Melnik**, Karelian State Pedagogical University, Republic of Karelia, Russia  
Dr., prof. **Danuse Nezvalova**, Palacky University, Czech Republic  
Dr. **Yuriy Pelekh**, International University of Economics and Humanities named after Academician Stepan Demianchuk, Ukraine  
Dr. **Raffaele Pisano**, Cirphles École Normale Supérieure, France  
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**, Cyprus University, Cyprus



PROBLEMS  
OF EDUCATION  
IN THE 21st  
CENTURY



VOLUME 7, 2008

**PECULIARITIES  
OF  
CONTEMPORARY  
EDUCATION**



*Problems of Education in the 21st Century* (ISSN 1822-7864) is abstracted and/or indexed in: Index Copernicus - [http://journals.indexcopernicus.com/abstracted.php?level=2&id\\_jour=2086](http://journals.indexcopernicus.com/abstracted.php?level=2&id_jour=2086)  
EBSCO: Education Research Complete - <http://search.ebscohost.com> etc.  
[http://www.jbse.webinfo.lt/Problems\\_of\\_Education.htm](http://www.jbse.webinfo.lt/Problems_of_Education.htm)  
<http://www.jbse.webinfo.lt/Abstracting.htm>

© Scientific Methodical Center „Scientia Educologica“, Lithuania,  
*the associated member of Lithuanian Scientific Society, European Society for the History of  
Science (ESHS) and ICASE*  
E-mail: [problemsofeducation@gmail.com](mailto:problemsofeducation@gmail.com)



Compiled by: Vincentas Lamanauskas  
Linguistic Editor: Gintaras Vaidogas  
Cover design by: Jurgina Jankauskienė  
Layout design by: Linas Janonis  
Contact person: Laima Railienė

30 October 2013. Publishing in Quires 8. Edition 200

*Publisher* SMC „Scientia Educologica“ in cooperation with Scientia Socialis,  
Donelaicio Street 29, LT-78115 Šiauliai, Lithuania  
E-mail: [scientia@scientiasocialis.lt](mailto:scientia@scientiasocialis.lt)  
Phone: +370 687 95668  
<http://www.jbse.webinfo.lt/centras.htm>  
<http://www.scientiasocialis.lt>

*Printing* Joint-stock company „Šiaulių knygriškla-spaustuvė“  
9A P. Lukšio Street  
LT-76207 Šiauliai, Lithuania  
Phone: +370 41 500 333.  
Fax: +370 41 500 336  
E-mail: [info@dailu.lt](mailto:info@dailu.lt)