







13th INTERNATIONAL JTEFS/BBCC CONFERENCE

SUSTAINABLE DEVELOPMENT. CULTURE. EDUCATION.

INTERPLAY OF TRADITIONS AND INNOVATIONS IN EDUCATION FOR SUSTAINABLE DEVELOPMENT

ABSTRACT BOOK

MAY 5-6, 2015 RIGA, LATVIA

Daugavpils University Academic Press "Saule" 2015 Approved at Daugavpils University Scientific Board meeting on April 9, 2015, Minutes No 7.

Pipere A., Iliško Dz., Mičule I., Salīte I. (Eds.) 13th International JTEFS/BBCC Conference "Sustainable Development. Culture. Education": Interplay of Traditions and Innovations in Education for Sustainable Development. May 5–6, 2015. Abstract Book. Daugavpils: Daugavpils University Academic Press "Saule", 2015, 62 pages.

Scientific Committee:

Atis Kapenieks (Riga Technical University, Latvia)

Irēna Katane (Latvia University of Agriculture, Latvia)

Marika Veisson (Tallinn University, Estonia)

Abdülkadir Kabadayi (Necmettin Erbakan University, Turkey)

Charles Hopkins (York University, Canada)

Gyula Lakatos (University of Debrecen, Hungary)

Ulla Härkönen (University of Eastern Finland, Finland)

Eugeniusz Świtała (Daugavpils University, Latvia/Poland)

Rima Bakutytė (Siauliai University, Lithuania)

Lidija Ušeckienė (Siauliai University, Lithuania)

Jolanta Karbowniczek (Akademia Ignatianum, Poland)

Detlev Lindau-Bank (University of Vechta, Germany)

Daniel Fischer (Leuphana University of Lüneburg, Germany)

Laima Galkute (Vilnius University, Lithuania)

Māris Kļaviņš (University of Latvia, Latvia)

Raimonds Ernšteins (University of Latvia, Latvia)

Inese Kokina (Daugavpils University, Latvia)

Ilga Salīte (Daugavpils University, Latvia)

Anita Pipere (Daugavpils University, Latvia)

Astrīda Skrinda (Daugavpils University, Latvia)

Ilona Mičule (Daugavpils University, Latvia) Dzintra Iliško (Daugavpils University, Latvia)

Inese Jurgena (Riga Teacher Training and Educational Management Academy, Latvia)

Editors: Anita Pipere, Dzintra Iliško, Ilona Mičule, Ilga Salīte

The conference is financed by project "Support for international cooperation projects in science and technologies at Daugavpils University" 2015/0010/2DP/2.1.1.2.0/14/APIA/VIAA/002







IEGULDĪJUMS TAVĀ NĀKOTNĒ

TABLE OF CONTENT

development on regional level Ludmila Aleksejeva, Inta Ostrovska & Dmitrijs Oļehnovičs	9
Developing ecological culture in the vocational education Līga Antoņeviča, Inta Laurena & Zita Vanaga	10
Career orientations of Technical University students in the context of sustainable development	11
Primary school teachers' perception and willingness to change their learning environment at workplace Rima Bakutytė & Lidija Ušeckienė	12
Phenomenon of innovation in academic environment: Understanding and assessment criteria Ingrīda Bolgzda & Eridiana Oļehnoviča	13
Civic education for sustainable development and global learning in German didactics and curricula of secondary education	14
Teachers' work motivation in times of crisis	16
National systems to support the professional competence development of adult learning teachers: A comparative study of India, Latvia and Lithuania	17
Changes in children's life skills: Impact of socio-economic conditions	18
Elga Drelinga, Sandra Zariņa & Dzintra Iliško	
Apocalypse now? A plea for a positive turn in education for sustainable development	19

sustainable development: Memories about the future
E-learning to promote the development of college level IT professionals' competences
Learning sequence analysis to assess completion rates for online learning programs
Commemorating past, celebrating the present: Pupils' attitude towards the cultural past in turbulent times
The Capabilities Approach as a strategy to gauge the lifelong learning experience
Physics teachers' views on the use of analogies: Context of sustainability
The ideas of future educators on the innovations and traditions in sustainable education
Analyzing the preschoolers' images and perceptions of their teachers through pictures
Cultural inheritance for a sustainable future: The case of Daugavpils
Interdisciplinary process of creation of new learning tools for pupils with severe or profound intellectual and/or multiple disabilities: The case of Estonia
E-learning development challenges and trends in new eEcosystem

competencies	31
Jānis Kapenieks	
Pedagogical innovations and modernization of educational process at the primary school level: The case of Poland	32
Optimizing land use and environmental impact of renewables: Task for teachersÁdám Kiss & Mária Szabó	33
On the question of multicultural informational and educational environment of the university	34
Development of primary school pupils' experience of sustainability at mathematics classes Elfrīda Krastiņa, Elga Drelinga & Dzintra Iliško	35
Human securitability: Civic initiatives of the future teachers and young people	36
Web-based intervention for developing long-term health literacy of individuals: Advantages and limitations Aira Aija Krūmiņa, Jeļena Ļubenko & Kristīne Mārtinsone	37
Gender-based advantages and gender normality at school and in society: Views of Estonian students Tiiu Kuurme & Gertrud Kasemaa	38
Strategic goals for maintenance of biodiversity in the sustainable teacher education	39
Teachers' self-efficacy, burnout and school environment Ieva Lazda & Inga Belousa	40
Sustainable career choice of youth with special needs Baiba Lutere	41
Regional perspective of sustainable social development: The case of LatgaleValērijs Makarevičs	42

development and global citizenship: When did it become a choice? Karena Menzie	43
The challenges of global citizenship for religious education Siebren Miedema	44
The effect of multicultural learning environment on the development of cultural identity of pupils in the second stage of basic school	46
Environmental education and the issue of (environmental) sustainability Sarah O'Malley	47
Teachers' opinion on wisdom: Searching the key for ESD Edgar Petrinko	48
ESD competences for educators: Lessons learned from the qualitative study of mathematic teachers	49
Emerging teacher ecological self: Insights into a student teacher's reflections Rea Raus & Thomas Falkenberg	50
Educational action research for ESD: Teacher-researcher education	51
The contribution of Kazakhstan schools to the green economy Botagoz Shaimardanova, Tatyana Shakirova, Gulmira Asylbekova, Natalya Korogod & Roza Mukanova	52
Highlighting the value prototypes of young people in the context of sustainable education and development Ilze Strode	53
Developing new ecological culture and consciousness of students and youth	54

students' individual development Eugeniusz Świtała & Piotr Prus	55
Social integration as a sustainable way to prevent bullying behavior in kindergarten Leida Talts & Lii Lilleoja	56
Teachers' socio-emotional competency: Professional context Skaidrīte Ūzuliņa	57
Values and values education in Estonian preschool childcare institutions Pärje Ülavere, Marika Veisson & Indrek Tart	58
Impact of teaching process reorganization on a vocational school students' creative potential Natalja van Gejeka	59
Difficulties in the choice of methods and tools for teaching programming to novices	60
The evaluation of the prototype of e-inclusion prediction system	61
Teaching and learning potential of interactive digital televisionBruno Zuga & Atis Kapenieks	62