

KNOWLEDGE -International Journal
Vol. 20.2
Bansko, December, 2017

UDK37

ISSN 2545 – 4439
ISSN 1857 - 923X

INTERNATIONAL JOURNAL

Institute of Knowledge Management

KNOWLEDGE



Scientific Papers

Vol. 20.2

EDUCATION AND SOCIAL SCIENCES

KNOWLEDGE IN PRACTICE



KIJ

Vol. 20

No.2

pp. 543-1111

Skopje 2017

Goal Impact

& Quality Factor 1322 (2016) <http://globalimpactfactor.com/knowledge-international-journal/>

KNOWLEDGE - International Journal
Vol.20.2
Bansko, December, 2017

KNOWLEDGE

/'

KNOWLEDGE - INTERNATIONAL JOURNAL

SCIENTIFIC PAPERS

VOL 202

Promomi In Bansko 1. Rf! Publ. of Bulgaria

15-11.2.2011

INSTITUTE OF KNOWLEDGE MANAGEMENT
SKOPJE, MACEDONIA



KNOWLEDGE

International Journal Scientific papers Vol.202

EDITORIAL BOARD

Vlado Kambovski PhD, Robert Dimitrovski PhD, Sinia **Zaric** PhD, Maria Kavdanska PhD, Venelin Terziev PhD, Mirjana Borota – Popovska PhD, Cezar Bilzea PhD, Ljubomir Kekenovski PhD, Aleksandar Nikolovski PhD, Ivo Zupanovic, PhD, Savo Ashtalkoski PhD, Svetlana Trajkovic PhD, Zivota Radosavljevic PhD, Leste Spasovski PhD, Mersad Mujevic PhD, Milenko Dz.eletovic PhD, Margarita K.oleva PhD, Nonka Mateva PhD, Rositsa Chobanova PhD, Predrag Trajkovic PhD, Dzuljana Tomovska PhD, Nedz.at K.oraljic PhD, Nebojsa Pavlovic PhD, Nikolina Ognenska PhD, Lisen Bashkurti PhD, Trajce Dojcinovski PhD, Jana Merdzanova PhD, .ZONIM Snetic PhD, Nikolai Sashkov Cankov PhD, Marja Kostic PhD

Print: GRAFOPROM -Bitola

Editor: IKM -Skopje

Foeditor
Robert Dimitrovski, PhD

KNOWLEDGE

International Journal Scientific Papen Vol.202

ISSN 1857-923X for e -version

ISSN 2545-4439 for printed version

SCIENTIFIC COMMITTEE

President: Academician Prof. Vlado Kambovski, PhD

Vice president: Prof. Robert Dimitrovski PhD, Institute of Knowledge Management - Skopje (Macedonia)

Members:

- Prof. Aleksandar Nikolovski PhD, FON University, Skopje (Macedonia)
- Prof. Aleksandar Korablev PhD, Dean, Faculty for economy and management, Saint Petersburg State Forest Technical University, Saint Petersburg (Russian Federation)
- Prof. Azra Adjajlic -Dedovic PhD, Faculty of criminology and security, Sarajevo (Bosnia & Herzegovina)
- Prof. Antoanela Hristova PhD, European Polytechnic University, Pernik. (Bulgaria)
- Prof. Anita Trajkovska PhD, Rochester University (USA)
- Prof. Anka Trajkovska-Petkoska PhD, UKLO, Faculty of technology and technical sciences, Bitola (Macedonia)
- Prof. Alisabri Sabani PhD, Faculty of criminology and security, Sarajevo (Bosnia & Herzegovina)
- Prof. Ahmad Zakeri PhD, University of Wolver Hampton, (United Kingdom)
- Prof. Ana Dzumalieva PhD, South-West University "Neofit Rilski", Blagoevgrad (Bulgaria)
- Prof. Branko Sotirov PhD, University of Rousse, Rousse (Bulgaria)
- Prof. Branko Boshkovic, PhD, College of Sports and Health, Belgrade (Serbia)
- Prof. Branimir Kampl PhD, Institute SANO, Zagreb (Croatia)
- Prof. Baki Koleci PhD, University Hadzi Zeka, Peja (Kosovo)
- Prof. Branislav Simonovic PhD, Faculty of Law, Kragujevac (Serbia)
- Prof. Bistra Angelovska, Faculty of Medicine, University "Goce Delcev", Shtip (Macedonia)
- Prof. Cezar Birzea, PhD, National School for Political and Administrative Studies, Bucharest (Romania)
- Prof. Cvetko Andreevski, Dean, Faculty of Tourism, UKLO, Bitola (Macedonia)
- Prof. Drago Cvijanovic, PhD, Faculty of Hotel Management and Tourism, University of Kragujevac, Vrnjacka Banja (Serbia)
- Prof. Dusan Ristic, PhD Emeritus, College of professional studies in Management and Business Communication, Novi Sad (Serbia)
- Prof. Dimitar Radev, PhD, Rector, University of Telecommunications and Post, Sofia (Bulgaria)
- Prof. Daniela Todorova PhD, Rector of "Todor Kableshkov" University of Transport, Sofia (Bulgaria)
- Prof. Dragan Kokovic PhD, University of Novi Sad, Novi Sad (Serbia)
- Prof. Dragan Marinkovic PhD, High health -sanitary school for professional studies, Belgrade (Serbia)
- Prof. Daniela Ivanova Popova PhD, Faculty of Public Health and Sport, SWU Neofit Rilski, Blagoevgrad (Bulgaria)
- Prof. Dzulijana Tomovska, PhD, Dean, Faculty of Biotechnical sciences, Bitola (Macedonia)
- Prof. Evgenia Penkova-Pantaleeva PhD, UNWE -Sofia (Bulgaria)
- Prof. Emilija Djikic Jovanovic, PhD, High School of Arts and Technology, Leskovac (Serbia)
- Prof. Erzika Antic PhD, High medicine school for professional studies "Hipokrat", Bujanovac (Serbia)

- Prof. Georgi Georgiev PhD, National Military University "Vasil Levski", Veliko Tmovo (Bulgaria)
- Prof. Helmut Shramk.e PhD, former Head of the University of Vienna Reform Group (Austria)
- Prof. Hristina Georgi.eva Yancheva, PhD, Rector, Agricultural University, Plovdiv (Bulgaria)
- Prof. Hristo Beloev PhD, Bulgarian Academy of Science, Rector of the University of Rousse (Bulgaria)
- Prof. Izet Zeqiri, PhD, Academic, SEEU, Tetovo (Macedonia)
- Prof. Ivan Marchevski, PhD, Rector, D.A. Tsenov Academy of Economics, Svihtov (Bulgaria)
- Doc. Igor Stubelj, PhD, Faculty of Management, Primorska University, Koper (Slovenia)
- Prof. Ivan Petkov PhD, Rector, European Polytechnic University, Pemik (Bulgaria)
- Prof. Isa Spahiu PhD, AAB University, Prishtina (Kosovo)
- Prof. Ivana Jelik PhD, University of Podgorica, Faculty of Law, Podgorica (Montenegro)
- Prof. Islam Hasani PhD, Kingston University (Bahrein)
- Prof. Jova Ateļjevic PhD, Faculty of Economy, University of Banja Luka, (Bosnia & Herzegovina)
- Prof. Jove Kekenovski PhD, Faculty of Tourism, UKLO ,Bitola (Macedonia)
- Prof. Jonlco Kunchev PhD, University „Cemorizec Hrabar' - Varna (Bulgaria)
- Prof. Jelena Stojanovic PhD, High medicine school for professional studies "Hipokrat", Bujanovac (Serbia)
- Prof Karl Schopf, PhD, Akademie fur wissenschaftliche forchung und studium, Wien (Austria)
- Prof. Katerina Belichovska, PhD, Faculty of Agricultural Sciences, UKIM, Skopje (Macedonia)
- Prof. Krasimir Petkov, PhD, National Sports Academy "Vassil Levski", Sofia (Bulgaria)
- Prof. Kamal Al-Nakib PhD, College of Business Administration Department, Kingdon University (Bahrain)
- Prof. Lidija Tozi PhD, Faculty of Pharmacy, Ss. Cyril and Methodius University, Skopje (Macedonia)
- Prof. Laste Spasovski PhD, Vocational and educational centre, Skopje (Macedonia)
- Prof. Lujza Grueva, PhD, Faculty of Medical Sciences, UKIM, Skopje (Macedonia)
- Prof. Lisen Bashkurti PhD, Global Vice President of Sun Moon University (Albania)
- Prof. Lenee Mircevska PhD, High Medicine School, Bitola, (Macedonia)
- Prof. Ljubomir Kekenovski PhD, Faculty of Economise, UKIM, Skope (Macedonia)
- Prof. Ljupce Kocovski PhD, Faculty of Biotechnical sciences, Bitola (Macedonia)
- Prof. Marusya Lyubcheva PhD, University "Prof. Asen Zlatarov", Member of the European Parliament, Burgas (Bulgaria)
- Prof. Maria Kavdanska PhD, Faculty of Pedagogy, South-West University Neofit Rilski, Blagoevgrad (Bulgaria)
- Prof. Maja Lubenova Cholakova PhD, Faculty of Public Health and Sport, SWU Neofit Rilski, Blagoevgrad (Bulgaria)
- Prof. Mirjana Borota-Popovska, PhD, Centre for Management and Human Resource Development, Institute for Sociological, Political and Juridical Research, Skopje (Macedonia)
- Prof. Mihail Garevski, PhD, Institute of Earthquake Engineering and Engineering Seismology, Skopje (Macedonia)

- Prof. Misho Hristovski PhD, Faculty of Veterinary Medicine, Ss. Cyril and Methodius University, Skopje (Macedonia)
- Prof. Mitko Kotovchevski, PhD, Faculty of Philosophy, UKIM, Skopje (Macedonia)
- Prof. Milan Radosavljevic PhD, Dean, Faculty of strategic and operational management, Union University, Belgrade (Serbia)
- Prof. Marija Topumvska-Latkovikj, PhD, Centre for Management and Human Resource Development, Institute for Sociological, Political and Juridical Research, Skopje (Macedonia)
- Prof. Marija Knezevic PhD, Academic, Banja Luka, (Bosnia and Herzegovina)
- Prof. Margarita Koleva, PhD, Faculty of Pedagogy, University Neofit Rilski, Blagoevgrad (Bulgaria)
- Prof. Margarita Bogdanova PhD, D.A.Tsenov Academy of Economics, Svishtov (Bulgaria)
- Prof. Mahmut Chelik PhD, Faculty of Philology, University "Goce Delchev", Shtip (Macedonia)
- Prof. Marija Mandaric PhD, Faculty of Hotel Management and Tourism, University of Kragujevac, Vrnjacka Banja (Serbia)
- Prof. Mustafa Kacar PhD, Euro College, Istanbul (Turkey)
- Prof. Marina Simin PhD, College of professional studies in Management and Business Communication, Sremski Karlovci (Serbia)
- Prof. Miladin Kalinic, College of professional studies in Management and Business Communication, Sremski Karlovci (Serbia)
- Prof. Mitre Stojanovski PhD, Faculty of Biotechnical sciences, Bitola (Macedonia)
- Prof. Miodrag Smelcerovic PhD, High Technological and Artistic Vocational School, Leskovac (Serbia)
- Prof. Nenad Taneski PhD, Military Academy "Mihailo Apostolski", Skopje (Macedonia)
- Prof. Nevenka Tatkovic PhD, Juraj Dobrila University of Pula, Pula (Croatia)
- Prof. Natalija Kirejenko PhD, Faculty For economic and Business, Institute of Entrepreneurial Activity, Minsk (Belarus)
- Prof. Nikolay Georgiev PhD, "Todor Kableshkov" University of Transport, Sofia (Bulgaria)
- Prof. Nikolina Ognenska PhD, Faculty of Music, SEU - Blagoevgrad (Bulgaria)
- Prof. Nedzat Korajlic PhD, Faculty of criminology and security, Sarajevo (Bosnia & Herzegovina)
- Prof. Nishad M. Navaz PhD, Kingdom University (India)
- Prof. Oliver Iliev PhD, Faculty of Communication and IT, FON University, Skopje (Macedonia)
- Prof. Oliver Dimitrijevic PhD, High medicine school for professional studies "Hipokrat", Bujanovac (Serbia)
- Prof. Paul Sergius Koku, PhD, Florida State University, Florida (USA)
- Prof. Primoz Dolenc, PhD, Faculty of Management, Primorska University, Koper (Slovenia)
- Prof. Predrag Trajkovic PhD, JMPNT, Vranje (Serbia)
- Prof. Petar Kolev PhD, "Todor Kableshkov" University of Transport, Sofia (Bulgaria)
- Prof. Pere Tumbas PhD, Faculty of Economics, University of Novi Sad, Subotica (Serbia)
- Prof. Rade Ratkovic PhD, Faculty of Business and Tourism, Budva (Montenegro)
- Prof. Rositsa Chobanova PhD, University of Telecommunications and Posts, Sofia (Bulgaria)
- Prof. Rumen Valcovski PhD, Imunolab Sofia (Bulgaria)
- Prof. Rumen Stefanov PhD, Dean, Faculty of public health, Medical University of Plovdiv (Bulgaria)
- Prof. Sinisa Zaric, PhD, Faculty of Economics, University of Belgrade, Belgrade (Serbia)
- Prof. Sasho Korunoski, Rector, UKLO, Bitola (Macedonia)

- Prof. Sashko Plachkov PhD, Faculty of Pedagogy, University Neofit Rilski, Blagoevgrad (Bulgaria)
- Prof. Sofronija Miladinovski, PhD, University Hadzi Zeka, Peja (Kosovo)
- Prof. Sreten Miladinovski, PhD, Dean, Faculty of Law, MIT University (Skopje)
- Prof. Snezhana Lazarevic, PhD, College of Sports and Health, Belgrade (Serbia)
- Prof. Stojan Ivanov Ivanov PhD, Faculty of Public Health and Sport, SWU Neofit Rilski, Blagoevgrad (Bulgaria)
- Prof. Svetlana Trajkovic PhD, High School of applied professional studies, Vranje (Serbia)
- Prof. Snezana Stoilova, PhD, High Medicine School, Bitola, (Macedonia)
- Prof. Stojna Ristevska PhD, High Medicine School, Bitola, (Macedonia)
- Prof. Suzana Pavlovic PhD, High health -sanitary school for professional studies, Belgrade (Serbia)
- Prof. Saad Motahir PhD, High School of Technology, Fez (Morocco)
- Prof. Sandra Zivanovic, PhD, Faculty of Hotel Management and Tourism, University of Kragujevac, Vrnjacka Banja (Serbia)
- Prof. Trayan Popkochev PhD, Dean, Faculty of Pedagogy, South-West University Neofit Rilski, Blagoevgrad (Bulgaria)
- Prof. Todor Krystevich, Vice Rector, D.A. Tsenov Academy of Economics, Svishtov (Bulgaria)
- Doc. Tatyana Sobolieva PhD, State Higher Education Establishment Vadiym Getman Kiyev National Economic University, Kiyev (Ukraine)
- Prof. Tzako Pantaleev PhD, NB University, Sofia (Bulgaria)
- Prof. Tosko Krstev PhD, European Polytechnic University, Pernik (Bulgaria)
- Prof. Tihomir Domazet PhD, President of the Croatian Institute for Finance and Accounting, Zagreb (Croatia)
- Prof. Venelin Terziev PhD, University of Rousse, Rousse (Bulgaria)
- Prof. Violeta Dimova PhD, Faculty of Philology, University "Goce Delchev", Shtip (Macedonia)
- Prof. Volodymyr Denysyuk, PhD, Dobrov Center for Scientific and Technological Potential and History studies at the National Academy of Sciences of Ukraine (Ukraine)
- Prof. Valentina Staneva PhD, "Todor Kableshev" University of Transport, Sofia (Bulgaria)
- Prof. Vladimir Tomosevic, PhD dekan, Fakultet za in. Zinjerijski menadzment, Univezitet Union "Nikola Tesla", Beograd, (Srbija)
- Prof. Vladimir Lazarov PhD, European Polytechnic University, Pernik (Bulgaria)
- Prof. Vasil Zecev PhD, College of tourism, Blagoevgrad (Bulgaria)
- Prof. Venus Del Rosario PhD, Arab Open University (Philippines)
- Prof. Yuri Doroshenko PhD, Dean, Faculty of Economics and Management, Belgorod (Russian Federation)
- Prof. Zlatko Pejkov, PhD, Faculty of Agricultural Sciences, UKIM, Skopje (Macedonia)
- Prof. Zivota Radosavljevic PhD, Dean, Faculty FORCUP, Union University, Belgrade (Serbia)
- Prof. Zoja Katru PhD, Prorektor, Euro College, Istanbul (Turkey)
- Prof. ZorJra Jugovic PhD, High health -sanitary school for professional studies, Belgrade (Serbia)

ORGANIZING COMMITTEE

- Robert Dimitrovski PhD, Faculty of Management, MIT University, Skopje (Macedonia)
- Venelin Terziev PhD, University of Rousse (Bulgaria)
- Maria Kavdanska PhD, Faculty of Pedagogy, South West University Neofit Rilski, Blagoevgrad (Bulgaria)
- Sinisa Zaric, PhD, Faculty of Economics, University of Belgrade (Serbia)
- Snezana Milicevic PhD, Faculty of Hotel Management and Tourism, University of Kragujevac, Vrnjka Banja (Serbia)
- Evdokia Petkova, South West University "Neofit Rilski", Blagoevgrad (Bulgaria)
- Marios Miltiadou, PhD, Aristotle University of Thessaloniki (Greece)
- Azra Adjajlic -Dedovic PhD, Faculty of criminology and security, Sarajevo (Bosnia & Herzegovina)
- Misho Hristovski PhD, Faculty of Veterinary Medicine, Ss. Cyril and Methodius University, Skopje (Macedonia)
- Branko Boskovic PhD, College of Sports and Health, Belgrade (Bulgaria)
- Ana Dzumalieva PhD, South-West University "Neofit Rilski", Blagoevgrad (Bulgaria)
- Georgi Georgiev PhD, National Military University "Vasil Levski", Veliko Tmovo (Bulgaria)
- Isa Spahiu PhD, International Balkan University (Macedonia)
- Hatidza Berisha, Military Academy, University of Defense, Belgrade (Serbia)
- Violeta Dimova, PhD, University "Goce Delcev", Stip (Macedonia)
- Mirjana Borota -Popovska, Centre for Management and Human Resource Development, Institute for Sociological, Political and Juridical Research, Skopje (Macedonia)
- Izet Zeqiri, PhD, South East European University, Tetovo (Skopje)
- Ekaterina Arabska, PhD, Vasil Levski National Military University, Veliko Tarnovo (Bulgaria)
- Nebojsa Cvetanovski, PhD, MIT University, Skopje (Macedonia)
- Rumens Valcovski PhD, Immunolab Sofia (Bulgaria)
- Miladin Kalinic, College of professional studies in Management and Business Communication, Sremski Karlovci (Serbia)

Contents

AUSTERITY OR FISCAL STIMULUS IN TIMES OF CRISIS -AN OLD DEBATE WITHOUT CONSENSUS.....	561
Gjorgji Gockov.....	561
Predrag Trpeski	561
BASICS OF COMMUNICATIVE COMPETENCE AT PRE-SCHOOL AGE.....	569
Delyana Chuhovska	569
CHALLENGES IN THE ACADEMIC ASSESSMENT IN MACEDONIA	575
Arta Bekteshi	575
Igballe Miftari.....	575
Blerta Demiri.....	575
A STIJDY OF INTERVENTION STRATEGIES USED BY BULGARIAN MANAGERS IN SUBORDINATES' CONFLICTS.....	579
Ivanka Mihaylova.....	579
MODEL FOR ANALYSIS OF THE QUALITY OF STIJDY PROGRAMS AND THEIR CONTRIBUTION IN THE CAREER DEVELOPMENT OF STUDENTS IN SEEU - TETOVO	587
Agim Rushiti	587
AN INTEGRATIVE APPROACH TO TEACHING THE BULGARIAN ALPHABET TO INTERNATIONAL STIJDENTS AT MEDICAL UNIVERSITY - PLOVDN.....	593
Maria Genova,	593
Antoaneta Pavlova	593
ACTION PLAN OF EMPLOYMENT AT LOCAL LEVEL - CITY OF VRANJE.....	599
Ljiljana Stosic Mihajlovic.....	599
Branislav Stanisavljevic.....	599
BRAINSTORMING AS A WAY OF INCREASING VOCABULARY AND DEVELOPING WRITING SKILLS	613
Leandro Xhantina	613
CONCEPT ANALYSIS OF INCLUSIVE EDUCATION IN SOME EU COUNTRIES AND KOSOVO	619
Vedat Bajrami.....	619
ANALYSES OF THE TRADE RELATIONS BETWEEN THE REPUBLIC OF MACEDONIA AND THE REPUBLIC OF BULGARIA	627
Emilija Miteva-Kacarski.....	627
Vlatko Paceskoski.....	627
Blagica Kaleva.....	627
ACTIVITY BASED COSTING AND ITS ITS APPLICABILITY IN THE HOTEL INDUSTRY.....	633
Gordana Stojmenovic.....	633
Tatjana Mrvic.....	633
BALANCED SCORECARD AS A STRATEGIC TOOL FOR MANAGING INNOVATION PROCESSES IN THE ORGANIZATION	641
Iva Bichurova.....	641
Georgi Toskov	641
"RENDEL MODEL" - A DIFFERENT APPROACH FOR CONTROL AND ASSESSMENT IN GEOGRAPHY TRAINING.....	647
Maya Vasileva	647
APPLICATION OF PROMOTION IN SMALL AND MEDIUM BUSINESS IN KOSOVO	653

Agron Mustafa	653
Afrim Lok:u	653
ADVANTAGES OR DISADVANTAGES OF THE SYSTEM OF COLLECTIVE SECURITY	661
Milenko Dzeletovic	661
Hatidza Beri a	661
Aleksandar Cirakovic	661
A STUDY ON THE MIGRATIONS' REASONS IN THE SOUTH WESTERN PART OF REPUBLIC OF MACEDONIA	671
Miranda Sabriu Bexheti	671
ACQUISITION OF PROPERTY BY FOREIGNERS	677
Met Mamuti	677
ADMINISTRATION AND DISPOSAL OF THE JOINT PROPERTY OF SPOUSES IN REPUBLIC OF MACEDONIA	683
Albana Metaj-Stojanova	683
ADVANCING REPRESENTATIVE DEMOCRACY THROUGH ELECTORAL SYSTEMS	691
Sadik Haxhiu	691
Arberesha Mehaj	691
APPLICATION OF PHONETIC KNOWLEDGE FOR FORENSIC PURPOSES	697
Nina Sudimac	697
AUDITING OF PERFORMANCE INFORMATION BY EXTERNAL AUDITORS	703
Bajram Lamaj	703
CERTAIN THEORETICAL ASPECTS OF ESTABLISHING INTERNATIONAL LEGAL PERSONALITY OF INTERNATIONAL ORGANIZATIONS	711
Vida Popovska Kochishka	711
CHALLENGES AND THE PERSPECTIVES OF THE DEVELOPMENT OF THE CAPITAL MARKET IN THE REPUBLIC OF MACEDONIA	717
Florije Miftari	717
CHARACTERISTICS OF DISASTER PROTECTION PLANNING	723
Nikolay Kamarashev	723
Daniel Manolov	723
CIVIL SECURITY IN KOSOVO AND CHALLENGES	727
Fatos Rushiti	727
Ardian Emini	727
COMMON AND RESPONSIBLE PARENTING - JOINT CUSTODY, de lege ferenda IN POSITIVE LEGISLATION IN THE REPUBLIC OF MACEDONIA	735
Irma Bajrami	735
COMMON EUROPEAN SECURITY AND DEFENSE POLICY	741
Venelin Terziev	741
Svilen Stefanov	741
Vanya Banabakova	741
Ilija Iliev	741
COMPARATIVE ANALYSIS OF PRICES OF AGRICULTURAL PRODUCTS IN REPUBLIC OF SERBIA AND EUROPEAN UNION	757
Tihomir Novakovic	757
CONCEPTUAL MODEL FOR DEFENCE PRODUCT LIFE CYCLE MANAGEMENT	765
Sevdalina Dimitrova	765

Nikolay Kamarashev	765
CREATING AN INFORMATION SYSTEM FOR A POLICE OFFICE AND CRYPTOGRAPHIC PROTECTION OF ITS INFORMATION	771
Ilhan Istikbal Ibryam	771
Byulent Mustafa Mustafa.....	771
Atti Rashtid Mustafa	771
CRIMINAL ACTS AS THE BASIS OF CRIMINAL LEGAL RESPONSIBILITY	777
Jetmire Zeqiri	777
CRIMINAL LEGAL ASPECT OF HUMAN TRAFFICKING AND MIGRANT SMUGGLING IN REPUBLIC OF MACEDONIA.....	783
Jasmin Kalac	783
Ersin Suljmani.....	783
DETERMINATION OF ATTRIBUTES TO THE PRINCIPLES OF EFFICIENCY AND EFFECTIVENESS IN PUBLIC ADMINISTRATION AND DIFFERENTIATION/ DISTINCTION BETWEEN THEM.....	791
Dejan Vitanski.....	791
DEVELOPING SOCIO-EMOTIONAL SKILLS OF PROSPECTIVE TEACHERS THROUGH TEAM WORK ON STUDY PROJECTS.....	799
Krasimira Marulevska.....	799
Trayan Popkochev	799
Radoslava Topal.ska.....	799
DEVELOPMENT OF THE KEY COMPETENCES AT PRIMARY SCHOOL THROUGH TEACHING OF BULGARIAN LANGUAGE	805
Maya Sotirova	805
DIAGNOSTICS OF SOCIAL COMPETENCES IN TEACHERS AND STUDENTS-PEDAGOGES ..	811
Trayan Popkochev.....	811
Krasimira Marulevska.....	811
Radoslava Topal.ska	811
DRAMA OF THE EU INTEGRATION PROCESS OF KOSOVO IMPLYING CERTAIN ECONOMIC IMPLICATIONS	817
Driton Sylqa	817
ELIGIBILITY OF PRECAUTION MEASURES FROM THE INFLUENCE OF BASIC PRINCIPLES OF CRIMINAL PROCEDURE - ADVANTAGES AND DISADVANTAGES OF THE SECURITY MEASURES RELATED TO THE DETENTION	823
Nikola Tuntevski	823
EMPIRICAL ANALYSIS OF INFLATION AND BUDGET DEFICIT IN THE REPUBLIC OF MACEDONIA	831
Jehona Musliu	831
Asllan Musliu	831
ENVIRONMENTAL KNOWLEDGE INFLUENCE ON UPGRADING THE CHILDREN'S PICTORIAL ART ACTIVITIES AT THE PRE-SCHOOL AGE.....	837
Gergana Bojurska	837
ESTABLISHMENT OF THE RIGHT OF PROPERTY OF REAL ESTATE IN THE REPUBLIC OF MACEDONIA	841
Berat Aqifi.....	841
EUROPEAN LEGISLATION TO FIGHT CYBERCRIME.....	849
Nadezhda Krasteva.....	849

EXPLORING THE RADICALIZATION PROCESS -INDICATIONS, FACTORS AND STAGES...	857
Rumiana Budjeva.....	857
FACTORS AFFECTING THE GROWTH OF SMALL AND MEDIUM BUSINESS IN KOSOVO	863
AfrimLoku	863
Bukurije Borovci.....	863
FACTORS DETERMINING INNOVATION: EVIDENCE FROM MACEDONIA	871
Besa Xhaferi	871
Gjilnaipe Bexheti	871
Fatime Idrizi.....	871
FAMILY AND JUVENILE DELINQUENCY.....	875
Ivona Shushak	875
Elena Tilovska Kecheqi	875
FEATURES OF JUDICIAL EXPERT EXAMINATIONS IN THE BULGARIAN LEGAL SYSTEM	881
Iristo Dochev	881
FIELD TRIPS (EXCURSIONS) -NEW POSSIBILITIES TO IMPROVE THE GEOGRAPHY	
TRAINING	887
Dessislava Poleganova	887
FOREIGNBANKS OPERATION IN KOSOVO.....	891
Muha.met Hajdari.....	891
Jusuf Fejza.....	891
FORMS OF COLLECTIVE CULTURAL RIGHTS (CCR) OR GROUP-DIFFERENTIATED RIGHTS	
(GDR)	897
Flora Kadriu.....	897
FORUM THEATRE IN THE TRAINING OF FUTURE TEACHERS	903
Rositsa Penkova.....	903
FUNCTIONING OF THE DEFENDANT'S MENTAL DEFENSES OF THE ACCUSED PEOPLE IN	
THE CONDUCT OF INTERROGATION WITHIN THE CRIMINAL PROCESS	909
Iristo Popnikolov.....	909
GLOBAL STRATEGY - A REQUIREMENT FOR PERFORMANCE ON FOREIGN MARKETS ...	915
Sofronija Miladinoski	915
Skriejl Gino	915
Fejzulahu Beka	915
HIERARCHICAL LEVELS OF ANALYSIS OF GLOBAL TECHNOLOGICAL CHANGE IN THE	
ECONOMY	923
Iva Bichurova.....	923
HIGHER EDUCATION AND LONG LIFE LEARNING WITHIN THE KNOWLEDGE ECONOMY	929
Shenaj Hadzimustafa.....	929
Rehizije Ra.kipi.....	929
HUMAN RESOURCE MANAGEMENT	935
Blerim Shehu	935
IMPACT OF SMALL BUSINESS DIFFICULTIES, IN ACCHEIVING COMPETITIVE ADVANTAGE,	
WITH PARTICULAR EMPHASIS ON THE SITUATION OF THE REPUBLIC OF MACEDONIA .	941
Arjeta Amzai	941
Aida Yzeiri Baftijari	941
IMPLEMENTATION OF PMO IN TELECOMMUNICATION AND IT INDUSTRY IN REPUBLIC OF	
MACEDONIA.....	947

Baleski Nikola.....	947
IMPLEMENTATION OF THE COMMON EUROPEAN SECURITY AND DEFENSE POLICY "IN THE CONTEXT OF ITS MILITARY ASPECT.....	953
Venelin Terziev.....	953
Svilen Stefanov.....	953
Vanya Banabakova.....	953
Ilija Iliiev.....	953
INCOME INEQUALITY AND THE (UN)FAIRNESS OF PROGRESSIVE TAXATION.....	963
Nada Petrusheva.....	963
Darko Iliov.....	963
INNOVATIVE COOPERATION INITIATIVES FOR FORESTRY IN CROSSBORDER REGION.....	969
Rossitsa Chobanova.....	969
INNOVATIVE INITIATIVES FOR CROSS-BORDER COOPERATION BETWEEN REPUBLIC OF MACEDONIA AND REPUBLIC OF BULGARIA IN THE FORESTRY DEPARTMENT.....	975
Zdravko Trajanov.....	975
Viktor Stojkoski.....	975
Ljupco Kocarev.....	975
INTERCULTURAL SENSITIVITY IN PRESCHOOL INSTITUTION.....	983
Snezana Jovanova-Mitkovska.....	983
Biljana Popeska.....	983
INTERNATIONAL CONFERENCES AS A TOOL FOR PREVENTING AND RESOLVING CONFLICTS WITH A SPECIAL EMPHASIS ON THE CASE OF THE FORMER YUGOSLAVIA.....	989
Veton Zejnullahi.....	989
Isak Sherifi.....	989
INTERNATIONALIZING KNOWLEDGE -THE GROWING IMPORTANCE OF THE INTERNATIONAL RELATIONS OFFICE FOR THE EUROPEAN UNIVERSITIES OF TODAY ..	995
Slaveyah Goranova.....	995
KEY SOCIAL COMPETENCES OF CHILDREN DURING THE TRANSITION TO SCHOOL LIFE.....	999
Yanka Vasileva.....	999
KNOWING PSYCHOLOGY OF COLORS IN THE TERMS OF BUSINESS.....	1005
Dragana Jovanovic Kuprešanin.....	1005
Gabrije la Lille.....	1005
KNOWLEDGE MANAGEMENT AND INNOVATION FACTORS OF SME DEVELOPMENT.....	1011
Gabrijela Lille.....	1011
Dragana Jovanovic Kuprešanin.....	1011
LEADERSHIP AND ITS IMPACT ON GOOD GOVERNANCE.....	1015
Ardiana Bunjaku.....	1015
Sofronija Miladinovski.....	1015
LEARNERS STYLES AND STRATEGIES- A CRUCIAL FACTOR IN THE ESTABLISHMENT OF CONTEMPORARY TEACHING.....	1025
Igballe Miftari.....	1025
Arta Bekteshi.....	1025
Blerta Demiri.....	1025
LEVELS OF SECURITY AND MODERN SOCIETY.....	1031
Venelin Terziev.....	1031

Svilen Stefanov	1031
Vanya Banaba.kova	1031
Ilija Iliev	1031
LIABILITY FOR DAMAGES CAUSED BY TERRORIST ACTS, PUBLIC DEMONSTRATIONS OR MANIFESTATIONS IN THE REPUBLIC OF MACEDONIA - ANOMALIES AND SOLUTIONS .	1041
Betim Ameti.....	1041
LIDERSTVO I MENADZMENT ZNANJA U FUNK.CUI KONK.URENSKE PREDNOSTI.....	1047
Haris Bibuljica	1047
Husnija Bibuljica	1047
MANAGEMENT OF THE SCHOOL ENVIRONMENT: INCORPORATION OF STRATEGIC IDEAS INTO SCHOOL PLANNING	1053
Arberesha Mehaj.....	1053
Sadik Haxhiu.....	1053
MANAGEMENT PROBLEMS IN THE ALTERNATIVE SCHOOL IN GREECE.....	1059
Anna Debrenlieva -Koutsouki.....	1059
MARKETING IMPLEMENTATION BY ACTORS OF SUPPLY CHAIN IN DAIRY INDUSTRY OF KOSOVO	1067
Isak Berbatovci	1067
Skender Buja.....	1067
MARKETING MANAGEMENT AND THE RIGHT TO PERSONAL DIGNITY OF CONSUMERS	1075
Tem.elko Risteski	1075
Vesna Sijic	1075
Emrah Mihtaroski	1075
MEASUREMENT RESULTS OF SOME ANTHROPOMETRIC ATTRIBUTES ATTAINED USING THE ACTIVE EXPERIMENT METHOD	1081
Mirjana Madarevic.....	1081
MENTORING AND INTEGRATED METHODOLOGICAL PRACTICE	1087
Snezana Jovanova-Mitkovska.....	1087
Biljana Popeska.....	1087
MENTORING AS A FACTOR TO MAINTAIN YOUNG TEACHERS IN THE EDUCATIONAL SYSTEM	1093
Dora Levterova	1093
MOBBING IN THE WORKPLACES OF THE REPUBLIC OF MACEDONIA	1099
Semra Bujari	1099
Marinela Shkurta	1099
LEVEL OF DIGITAL COMPETENCE AND FUNCTIONAL SKILLS OF STUDENTS AND PH.D. STUDENTS FOR PERFORMING IN AN INTERACTIVE ENVIRONMENT	1105
Iveta Mitsova	1105
Iank.a Rumenov.....	1105

ANALYSES OF THE TRADE RELATIONS BETWEEN THE REPUBLIC OF
MACEDONIA AND THE REPUBLIC OF BULGARIA

Emilija Miteva-Kacarsld

"Goce Delcev" University-Stip, Republic of Macedonia emilija.miteva@ugd.edu.mk

Vlatko Paceskoski

"Goce Delcev" University-Stip, Republic of Macedonia vlatk.o.paceskoski@ugd.edu.mk

Blagica Kaleva

"Goce Delcev" University-Stip, Republic of Macedonia blagica.koleva@ugd.edu.mk

Abstract: Bulgaria is an important trading partner of the Republic of Macedonia. The trade exchange between the Republic of Macedonia and the Republic of Bulgaria is at an enviable level. Taking into account this fact, in this paper there has been made an analysis of the value, dynamics and structure of the foreign trade between the Republic of Macedonia and Bulgaria for the time period of 2006-2015. It has been also analyzed the competitiveness of Macedonian products at the Bulgarian market so that the product categories with a comparative advantage can be determined, using the Standard International Trade Classification and the Balassa Index. The results of the analysis point to the fact the Republic of Macedonia has a comparative advantage in the export of crude materials, except fuels, chemical and related products and beverages and tobacco.

Keywords: The Republic of Macedonia, The Republic of Bulgaria, foreign trade, comparative advantage, Balassa Index.

АНАЛИЗИ НА ТРГОВИЈАТА МЕЃУ РЕПУБЛИКА МАКЕДОНИЈА И РЕПУБЛИКА БУЛГАРИЈА

Емилија Митева-Качарска

Универзитет "Гоце Делчев", Стип, Република Македонија emilija.miteva@ugd.edu.mk

Влатко Паческоски

Универзитет "Гоце Делчев", Стип, Република Македонија vlatk.o.paceskoski@ugd.edu.mk

Благика Калева

Универзитет "Гоце Делчев", Стип, Република Македонија blagica.koleva@ugd.edu.mk

Резиме: Бугарија е важна трговна партнерка на Република Македонија. Трговната размена меѓу Република Македонија и Република Бугарија е на високо ниво. Вземјќи предвид фактот, во овој труд е направена анализа на вредноста, динамиката и структурата на страната трговија меѓу Република Македонија и Бугарија за временски период од 2006-2015 година. Исто така е анализирана конкурентноста на македонските производи на бугарскиот пазар така што категориите со компаративна предност можат да се определат користејќи Стандардна меѓународна трговна класификација и Баласа индексот. Резултатите од анализата укажуваат на фактот дека Република Македонија има компаративна предност во извозот на сировини, со исклучок на гориво, хемиски и сродни производи и напие и тютун.

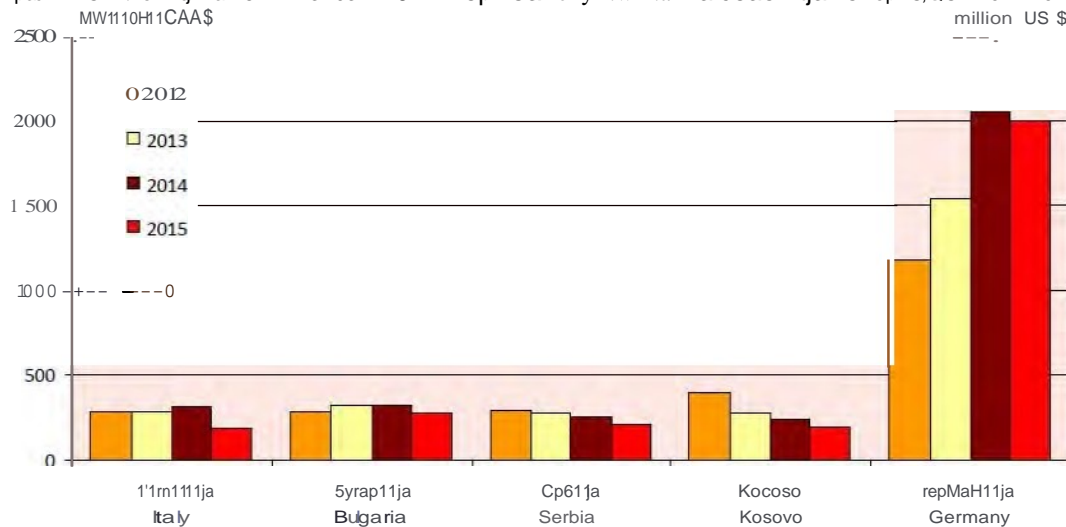
Клучови: Република Македонија, Република Бугарија, страната трговија, компаративна предност, Баласа индекс.

1. ВОВЕД;

Изражајќи се во биринскиот трговен однос, Република Македонија и Република Бугарија се меѓународни трговни партнери. Вземјќи предвид фактот, во овој труд е направена анализа на вредноста, динамиката и структурата на страната трговија меѓу Република Македонија и Бугарија за временски период од 2006-2015 година. Исто така е анализирана конкурентноста на македонските производи на бугарскиот пазар така што категориите со компаративна предност можат да се определат користејќи Стандардна меѓународна трговна класификација и Баласа индексот. Резултатите од анализата укажуваат на фактот дека Република Македонија има компаративна предност во извозот на сировини, со исклучок на гориво, хемиски и сродни производи и напие и тютун.

ICJOBHa coparonca Mefy p;eere 3Clrja upeJCy peamoi!p8B.C Ba nroClttH 3a 311C,11;HH'WI DpOB.3BO,II co IOBICOKB
 spe.ltHOCTH R 31 1e,1t11H'IKHB1UIT8II Ba KOMil8HHH OJl': ,D;BeTeJ.:q>2ra.BH KOH HMBaT KOMDB.TH6emm T'CXBH'IKO-TCXHODOHII<B
 38 } "IOOTBO Ba ypem il83ap1L

2. TPpOBCKATA PA3MEHA MEIY PEIYIJIJIBXA MAICE);OHHJA HPEIYIJIJHKA Jiff APHJA
 Cornacao pacIIoloxmmum: no,n;aro o,n; OT 38.IIO,n; 3a CTRTHcnma Ha Peny6Jliff[8 Maire,n;omtja, liyrapaja
 ce B6pq)'Bll BO ppyaT8 aa DeT'e eaj:ma-njBH JDBOObH il8pTllepH Ba Peny6mma Malce.n;omtja, 38 BpeMeBCKHOT
 nepHO 2012-2015 .K8XO IIITO e O Ha rp&41HKOHOT I:
 pacI:HXOH l.le-rBaj:ma.'18. HHH3B03HH IJIPTllepHea Penyfi. wm.a Maiceaomtja BO DepHO,QOT 2012-2015



lbBOp: State statistical office of the Republic of Macedonia, Commodity international exchange of the Republic of
 Macedonia [Online]. Available from: <http://www.stat.gov.mk/Publ.ibciiPoOblast.aspx?id=14&rbIObl=23>
 Ila.ztaopCIIHO TproBcurapa:nteHa Mefy Pen6ymma Maxeaomtja HPeIy6muca :Syrar:gaeDpe3eKI" Bp8II8 ao Ta6eJia
 1:

Tabena 1. THTT>BCKSTa MefvPe Mue,AoBBia H Pe:-.&:JiyrauHia (soHirilW'l .11DIIIDH)

	2006	2007	2008	2009	2010
Ibao3	130 871	243 912	379 294	216 945	294 035
YBOO	251 330	271 128	327 920	244 312	301 962
BKVIBO	382 201	515 040	707 214	461 257	595 997
CYd>/,IledJm::re:T	-120 459	-27 216	51 374	-27 367	-79 277
IOXJ>HCHOCT Ba YBOOOT COB3IIIOO	52071	89.961	115666	88.798	97374
	2011	2012	2013	2014	2015
Ibaoo	308 616	287 163	325 665	327 858	271 910
YB03	457 883	407 837	367 176	384 523	341 184
Ex:vrmo	766 499	695 000	692 841	712 381	613 094
CvmRIIHTnedimt11T	-149 267	-120 674	-41 511	-56 665	-69 274
Ilox:paeanocrB8 YBOOOT COB3IIIOO	67400	70411	88694	85263	79695

lbBOp: State statistical office of the Republic of Macedonia, Commodity international exchange of the Republic of
 Macedonia [Online]. Available from: <http://www.stat.gov.mk/Publ.ibciiPoOblast.aspx?id=14&rbIObl=23>
 AmmR3e:pji:H:nl npe3eBT.Rpae:RTC: napaMCTJIII so Ta.6ena 1, ce aolata/1.0 KOECT88T8 2011 ro e
 pexop noKB38TeD: 38 Ta Ba oecx0-6yrapCKB.TB TproBCKa pa3MeBa. Mefyce6mrra TproBCICa
 pamCHA BO 2011 ro a ioecysa 766 MIJIHOBIl aMepmreBCXH B.p:aopITCTIIITC :ea Maxe.n;oHCKO-
 6yrapcuT8 CTOJIBCKa ICOMopa ce YpnlBCDT8 p83KCB8 Mefy ABCTe :JedMijH BO 2017 ro,QHII8 AA AQCTBme

MHJIHjap,11;a aMepHKaHCKH,11;0Jiapa. Amu:ra3aTa ua HI,II;BopewHo JIIOBCICaTa p83MeHB Mefy. II:BCI'e3eMJIH,yxa>KyBa Ha KOHCT81ITCH 'rproBCICH);ecl>HQHT Ha Ma.Ke,IIIOHCKa cpaua, co HCK!!)"IOIC Ha 2008 ro)I;HHa Kora e pemcpHpaH 'rproBCICH cycpHUHT BO H3HO3 0,11; 51MHJIHjap,11;a 8MepHICaHCICH,II,OJiap¹⁸.
Cornacuo CT8.BJ;ap,II;H8Ta MefyBapo 'rproBCICa KJiaCHci>Hja -peBH:IIja 4, H3B030T 0,11; Pery6mma MaICC,II;mrja BO Bypajja BO anco.nynmH3HOCH,e nphcaJKaH BO rneJia 2:
Ta6ena 2. II B03 0.It PenfumKa MBKe,11;OHHa BO PelIy6mura Bypajja (Bo wrilWI ,ItOJI8PH)

II DOBIB0,11;11	2006	2007	2008	2009	2010
XpaHa H JKHBH 1KHBOTHH	5 886	13 984	14 605	10 493	16 008
IhriaJIRQHHTYTVH	3 753	16 503	17 701	30 338	23 152
CyBOHHH (KOH ue ce xnaaa)OCBCHronHBO	37 893	66 934	157 092	95 765	159 648
MauenaJIHa ropHBa,M83HBA H COOP.RH IIDOH3BO.Iiff	117	32	26	60	109
)(aBOTHHCKH pacTIIITCJIIIMBCJia, M8CTHHBOCOJ,H	0	0	0	848	1 479
XeMHCKH H coo,11;HH IIDOH3BO,11;a	10 355	15 642	26 953	20 305	18 516
omeo)I;HKJI8CHDBHH cnone,n MaTenHiaJIOT	66 723	117 318	141 119	43 610	60 475
MamHHH HT))ancropTTHH voe,ItH	5 525	8 044	13 397	7 603	4 882
P83HH I'OTOBHII>OH3BO,II;H	580	5 431	8 396	7 920	9 744
CroKHH 'rp8HC8I<lnIHCKJI8CHpaHH Ha,II;pyroMCCTO BO CMTK	38	24	3	1	23
Bxymro	130 871	243 912	379 294	216 945	294 035
II DOBIB0,11;11	2011	2012	2013	2014	2015
XpaHa H :IICHBH 1KHBOTHH	16 582	11 130	12 883	17 785	14 457
IhriaJIRQHHTYTVH	10 691	12 458	20 305	21 892	11 840
CyBOHHH (KOH He ce xnaaa)OCBCHronHBO	183 360	169 385	184 406	172 584	142 294
MH HepaJIHH ropHBa,M83HBA H COOP.RH IIDOH3BO.ItH	1 561	371	1 263	536	319
)(HBOHHCKH pacrnrmm BCJia, MaCTH H BOCOJ,H	2	6	152	777	780
XeMHCKH H coo,11;HH nroH3BO.ItH	24 172	23 062	34 567	38 192	26 253
OH3BO,II;H KJIachpaHH cnope,n MaTepHjaJIOT	52 055	46 968	50 219	41 335	43 984
MamHHH HTDaHCIOtITHH voe.ItH	8 788	13 302	9 608	13 620	12 522
P83HH I'OTOBH IIDOH3BO,II;H	1 1404	10 454	11 928	20 056	19 452
CroKHH TPBHC8I<lnIH ueKJiaCHpaHH ua,11;pyro MeCTo BO CMTK	2	27	335	1 082	11
Bxymro	308 616	287 163	325 665	327 858	271 910

IBop: State statistical office of the Republic of Macedonia, Commodity international exchange of the Republic of Macedonia [Online]. Available from: <http://www.stat.gov.mk/PublikaciiPoOblast.aspx?id=14&rbrOb=23>
Ka.Ko WTO MO.IKe ,Ita ce BH,IUI o.n; Ta6enaTa, ,II;OMHHaHTHO yq:eCTBO BO C'rp)'KTYPaTa Ha H3B030T 0,11; Peny6JIHKa MaKe,a;OHja BO Peny6nmca IjrapHja HMaar KaTeropHHre: cyBOHHH (KOH He ce xpaHa), OCBCH ronHBO (mm ce ,11;0JDKH Ha 3roJieMeHHOT H3B03 Hapy.ItH Ha onBO HKOHUeffTPBTH,py.ItH Ha nHHK HKouneHpaTH Hpy.ItH Ha 6a. KapH KOHD;eHpaTH), nroH3BO,II;H KJI8CHpaHH cnope,11; MRTepHjaJIOT (WTO ce ,II;0JDKH Ha 3roJieMeHHOT H3B03 Ha nroH3BO,II;H 0,11; IKeJie30 n'IeJIHK), xeMHCKH H cpo,II;HH IroH3BO,II;H (IIITO ce ,II;OJIKH Ha 3roJieMeHHOT H3B03 HR JICICOBH) KaKO H 'cy'ryH nHjaJIOD;H (urro ce ,II;OJICH Ha 3I'OJieMeHHOT H3B03 Ha 'cy'ryH HBHO o.n; CBeJKO rprje).
YB030T,IIaK BO Peny6JIHCa MBKe.itmrja 0,11; Peny6nmca Ijrapja 3a rpeHO.IIOT 2006-2015 ro,11;HHa, p8C'UleHeT 10 KaTeropHH Ha nroH3BO,II;H BO arcco.nynmHCHOCH, e nphcaJKaH BO Ta6ena 3:

¹⁸ State statistical office of the Republic of Macedonia, Commodity international exchange of the Republic of Macedonia [Online]. Available from: <http://www.stat.gov.mk/PublikaciiPoOblast.aspx?id=14&rbrOb=23>

Табела 3. Yeo3 BO Peny6JIHKa M.aKe; ;i;ouaja o; ;i; Peny6mca ByrapH-a (Bo HJija, u; a; ;i; onapa)

IIODOBOA&	2006	2007	2008	2009	2010
Xomma)j)(HbHX<HBOTHH	12 946	17886	19 603	16 469	14 545
IbrjaJiaQH H IYfYH	732	1 179	1752	1007	1 533
CypoBHHH (KOH He ce xoa:aa) OCBeHrOpHBO	25 596	42 461	79 344	44 443	51362
MeoajIHH ropHBa, Ma:nma H cpo,D;HH IIDOH3BOAJI	77 180	59 203	39 608	37 908	73 587
) (aBOTHHCKH pacTJI TeJIIH MacJIR, MaCTHHBOCO.QH	7 999	7 321	19 511	10 491	25 490
XeMHCKH H coo; ;i;HH IIDOH3BO;J;H	27 314	30 367	37 246	23 184	16 716
OH3BOAJIK.Jiacff) aHH cnooe.n: MaTepHajIOT	68 683	71 140	83 033	77 228	78 570
MaWHHH a TPaHcrpnm YPCAH	16 237	20 627	26 091	17 043	16 576
Pa3HH rOTOBH IIDOH3BOAH	14 360	20 116	20 572	15 724	17 307
CroKH HpaHC8.K.QHH CKJIRChp8HH Ha,ZWyro MCCTO eo CMTK	283	829	1 161	815	274
BJ:YIIHO	251330	271 128	327 920	244312	301 962
IIODOBOA&	2011	2012	2013	2014	2015
Xp&Ha H JKbHX<HBOTHH	24 762	26 661	21953	18 066	17 873
IHa.ran:a HTYTYH	2052	1041	2719	1957	1 032
CypoBHHH (KOH He ce :xpa.Ha) OCBeHropHBO	85 417	34 564	10 810	26 326	18 611
MHMeoajIHH rop1ma, Ma:nma H coo,D;HH IIOH3BOAJI	133 670	157 205	140 449	146 284	108 754
) (aBOTHHCKH pacTITCJIIH Macna, MaCTHHBOCO.QH	37 458	36 786	29 943	23 597	30 595
XeMHCKHa coo.n:HHIt>OH3BO; ;i;a	20 859	20 499	24 660	27 810	27 841
OH3BOAJIK.JIacHDSHH CDOD M8TepHajIOT	104 630	85 700	93 817	91 764	89 634
MaWHHH HTPaHCIOPTH YPCAH	25 076	22 725	20 614	24 186	20 812
Pa3HH rOTOBH IIDOH3BO,nH	23 516	22 302	21 799	23 461	25 491
CroKH HpaHC8.K.QHH HeKJia.CHp8HH Ha,ZWyro MCCTO eo CMTK	444	354	411	1072	543
BKVIIHO	457 883	407 837	367 176	384 523	341 4

Број: State statistical office of the Republic of Macedonia, Commodity international exchange of the Republic of Macedonia [Online]. Available from: <http://www.stat.gov.mk/PublikaciiPoObast.aspx?d=14&rb=23>

Comoro no.n; a0,1:1,Z:W)|(aBHOT 3aeo.n: 33 CTaTCTHnne3eHTHpaHH eo oea Ta6eJia, Peny6JIHKa M.aKe; ;i;ouaja o; ;i; Peny6JIHKa ByrapHja uajMuory yue3yua Ha4Ta n eacrrreim Macra ; ;i; o6CHH o; ;i; HcyMeH03HH MHHeaJIH (KJiaCHI)IaHH BO KaTropHjara MHHeamrn ropHBa, M83HBa H cpo,D;HH DpOJ:BO,;I:), eJierpH<ma eepmja (KJiaCHI>HnIpaHa BO KaTropHjara MHHeamrn ropHBa, Ma3HBa H cpo.QHH npOH3BO;J;H), npMo, ; ;i; eH rac BO raCOBHTa cocpja (KJiaCHI>HPaH BO KaTropHjara MHHeamrn ropHea, MaHBa H cpo,n;HH npOE3BOJtil) KalCO H murrn n nra11KH o; ;i; mme30 H Henempw 'lenHK (KJiaCI)HnIpaHH BO xareropHjara npOH3BO; ;i;H KJIBCHpaHH cnoe.n: MarepHjarror) .

3. KOMIAPATHBHA IPOCT BO TPOBCKATA PA3MEHA MEIT PEIVB.JIHKa MAKE):OHBJA IIBY'APHJA

3apa.n;H ymp; ;i; yuaa.e Ha rreopmre Ha npOH3BO.nH co KOMnapaTHBHa npe,1:1Hcr bo lproBHjaTa Mefy Peny6Jmxa M.aKe; ;i;ouaja H Peny6JIHKa EyrapHja, e npHMeHara I)lopMYJiaTa Ha Balassa (1965)¹⁹ npi nro Eanawa HH, I)KOCOT e npeCMeTaH kaKO OIHOCT Mefy yqeCTBOTO Ha O.tpe; ;i; eH npOH3BO.Q BO H3B03OT Ha 3eMjaTa BO .ttypa 3eMja, co yqeCTBOTO

¹⁹ Balassa, B., *Trade liberalization and revealed comparative advantage*. The Manchester School of Economic and Social Studies, (1965).

KNOWLEDGE – International Journal
Vol. 20.2
Bansko, December, 2017

Ha roj rrp0H3BO.u; BO BKylIIHHOT H3B03 Ha 3eMJaTa, co Kopncrea.e ua Crau.u;apyma Mefy:Hapo.u;Ha JyOBCKa KJiacH<l>Hxa.qaja T.e.:

$$BI = \frac{x/X..}{x^j IX_j}$$

Ka.u;e:

X_j - H3B03 O,II; 3eMJaTa i BO 3eMJaTa j Ha IIpOH3BO,II,OT k

X_u - BKylIeH H3B03 O,II; 3eMJaTa i BO 3eMJaTa j

X_k - BKylIeH H3B03 fIII IIpOM3BO,II;OT k

X_i - BKyneH H3B03 O,II; 3eMJaTa i

Pe3yppanre o.n rrpccMenrara co IIpHMeHa ua EanamaHH'. (eKcOT ce npHCax<aHH BO Ta6ena 4:

Табeна 4. KoMIIapaTHBHa noe,ZJ;HOCT BO TPTOBCKaTa Pa3MeHa Mery Peny6JIHKa Maxe,II;omria H Peny6JIHKa Eypaпja

IIOH3BO	2006	2007	2008	2009	2010
XpaHa H IKHBHX<HBOTHH	0.563673	0.778187	0.498050	0.461873	0.555077
IIHiaJRHQHTYI'VII	0.357709	1096989	0.851074	1921625	1302847
CypoBHHH (KOH Hece XDaHa) OCBeH rooHBO	6155729	5464746	6075964	6882270	6.998921
MHHeпаJIHH ropHBa, Ma3HBaH coo,II;HH nooeeo,II;H	0.009595	0.002697	0.000870	0.003691	0.004827
)I(ueOTHCKH pacTJI TeJIIH Macna, MaCTH H BOCO.QH	0	0	0	1296632	1491438
XeMHCKHH CDO.ZJ;HH npowBO.ZJ;H	1898510	1637486	1566102	1471740	0.552757
IpOH3BO,II;HKJI8CHpaHH cnoп MaTepHjaJIOT	1.442208	1080173	0.926344	0.705748	0.695690
MaIIIIHH uTPaHcnoпTHH VDC,II;H	0.859315	0.739411	0.756230	0.619220	0.279901
Pa3HH I'OTOBHIIpOH3BO,II;H	0.017489	0.094551	0.098938	0.132706	0.154744
IIOH3BO	2011	2012	2013	2014	2015
XpaHa H IKHBHX<HBOTHH	0.644499	0.458252	0.465558	0.692522	0.709907
IIHiaJI8.QHHTVTYH	0.660178	0.732790	0.992342	1484910	1227126
CypoBIMH (KOH He ce xna:aa) OCBeH rooHBO	9.223269	8935151	8748812	9750528	10949367
MHHeDaJIHH ropHBa, Ma3HBaH COO,II;HH IIOOH3BO,II;H	0.058062	0.020067	0.156640	0.093176	0.086319
)I(ueOTHCKH D8CTJI TeJIIH Macna M8CTH H BOCO	0.001626	0.005396	0.206504	0.961320	0.640082
XeMHCKH ucoo.u;HH IIOH3BO.u;u	0.469428	0.473434	0.544491	0.548731	0.427735
IpOWBO,IIHKJI8CHOaHH cnoп MaTepHjaJIOT	0.612450	0.632422	0.642976	0.650307	0.913575
MaIIIIHH uTPaHcnoпTHH VDC,II;H	0.360603	0.466179	0.221887	0.197475	0.186586
Pa3HH I'OTOBHIIIOH3BO,II;H	0.197818	0.187559	0.190810	0.330057	0.411433

Ieop:I pecMeTKa Ha aeTopHTe.

Bo nepHO,II;OT 0,II; 2006 .u;o 2015 I'O,II;HHa, Peny6JIHKa MaKe,D;OHJa HMa KOHTHH)'HpaHa H penaTHBH0 BHCOKa KoMIIapaTHBHa npeocT BO pa3MeHara co Peny6JIHKa EypaпHja BO xarepHjaTa cypoBHHH (x:oH He ce xpaua), OCBeH ropHBO, IIITO ce ,D;OJD(H ml 3poJieMCHOT H3B03 Ha py.u;u ml 6aKap H KOHDpIIITpaTH H py;o;u Ha OJIOBO H KOHQeKpaTH.O,II; 2009 I'O,II;HHa, KOMnapaTHBHa npe,II;HOCT e perCTJ)Hpa.Ha H xaj KaTeropujaTa mtjaJIOQH H 'FYTYH, IIITO ce ,Z;OJDICH Ha 3poJieMCHOT H3B03 Ha TYTYff, HeH3X<HJieH Ka.KO H BHHO o.n CBe>KO ppo3e. o.n 2006 .no 2009 r0D;HHa, KOMnapaTHBHa npe,II;HOCT e perCTJ)Hpa.Ha H BO ceKTopOT xeMHCKH H cpo,II;HH IIpOH3BO,IIH,IIITO ce OJDKH Ha 3I'OJICMCHOTH3B03 HaJICKOBH0,D;OBoj ceicrop.

4. 3AK.JIY'IOK

1b;a;o6pys81Lero ua HHct>pac'lpynypaTa, HaMaJiyBaH.e ua 'lpOWO:QHTe 3a 'lpaHCIOPTimTe YCJIY'I'H, HHTeH3HBHP81Le ua H3B030T Bo MeTaJIHHTOHPYMPCKHOT ceKTOp,Ka.KO H Bo \$apMeBTCKaTa HH)zyCTPHja, ce ICJIY'ICH \$axrop 3a IrOJieMYBaa.e ua cpa60TICaTa Mety MaKe;a;oucKHTe H 6rapcKHTe 6H3HCHMeHH EMIIHpCKHTe au8JIH3H yxaxcysaaT ua KOHTHfYH1>RH 'fProBCKH ;a;eJJ> ua Ma.KC,II;OHCKa CTP&.Ha BO TPoBCKaTa p83Meua co Peny6.JIHKa Ilyrapaja. Bo aHa.JIH3HpaHHOT EpeMeum 11euyca; (2006-2015), Peny6.nm<a Maxe;a;omrja HMa H3J>83eua KOMIapaTHBua npe,ZI:HoCT BO I)poBcxaTa p83Meua co Peny6.JIJOOI Ilyrapaja BO ueK.OJiicy ceKTopuHTOa: ceKTOPOPOT cypOBHHH (KOH ue ce xpaua), OCBeH ropHBO (KOHTHHYHPaHR KOMIapaTHBHa npe,ZI:HOCT BO aHaJIH3HPaHHOT EpeMeCKH nepHb.n.), CCICTOPOPOT IIHJanrH HTYFYII I<IKO H ceICTOPOPOT xeMHCKH H cporora IloHBO;D;H. IpeCMeTaHaTa KOMIapaTHBHa npe,IHOCT ce IOTBp.zzyBa co 3pOJieMeHHOT H3B03 ua py,II;H ua OJIOBO H ICOHU;CIeIII8TH,py,II;H ua D;HHK H KOHU;CInJiaTH H py;a;H ua 6axap HKOHD;eH'IpaTH,IloH3BO,n:H O,II IKeJie30 H "BJIK, JICKOBYTYFYII KaKO HBHHO o;a; CBeIKO rpo3je. Ipa,IIeIIHHOT CeKTOp, MeTaJIHaTa HCJieKI)OHH;D;yCpajara, XCMHKIITa H \$apM8.U;eB'fCK8Ta HH;D;yCI)Hja,TCKCTHJIHIT8 HH,,iJ;YCI)Hja, npexpaueMI Ta H npepa60TyBa'IKaTa HH;D;yCTPHja Ka.KO HTYPH3MOT ce xpynrja.nHTC ceropy npeicy KOH 6H ce HHTeH3HBpaJia cpa60TKa Hp83MCHITa Mefy ;D;BeTe 3eMJH.

5. .JIHTEPATYPA

- [1] B. Be la, Tradeberaization and revealed comparative advantage, The Manchester School of Economic and Social Studies, vol.33, pp.99-123, 1965.
- [2] B. Harry, On the theoretical interpretation of indices of trade intensity and revealed comparative advantage, Review of World Economics, vol.119, pp. 464-472, 1983.
- [3] R. H Ballance,., H. Forstner, & T. Murray, Consistency tests of alternative measures of comparative advantage. Review of Economics & Statistics, vol.69, pp.157-161, 1987.
- [4] State statistical office of the Republic of Macedonia., Commodity international exchange of the Republic of Macedonia [Online]. Available from: <http://www.stat.gov.mk/PublikaciiPoOblastaspx?id=14&rbrObl=23>