UNIVERSITY OF BELGRADE TECHNICAL FACULTY IN BOR MANAGEMENT DEPARTMENT

XIII INTERNATIONAL MAY CONFERENCE ON STRATEGIC MANAGEMENT



XIII STUDENTS SYMPOSIUM ON STRATEGIC MANAGEMENT

BOOK OF PROCEEDINGS

Hotel "ALBO" – Bor Bor, May 19 – 21, 2017

Scientific Board (SB) of the Conference:

Prof. dr Živan Živković, University of Belgrade, Technical faculty in Bor, **president** of the SB.

Prof. dr Ivan Mihajlović, University of Belgrade, Technical faculty in Bor, **vicepresident of the SB**.

Prof. dr Aljaž Ule, University of Amsterdam, Faculty of Economics and Business, CREED – Center for Research in Experimental Economics and political Decision-making, The Netherlands, **vice-president of the SB**.

Members of SB:

Prof. dr Darko Petkovic, University of Zenica, Bosnia and Herzegovina

Prof. dr Peter Schulte, Institute for European Affairs, Germany

Prof. dr Michael Graef, University of Applied Sciences Worms, Germany

Prof. dr Jaka Vadnjal, GEA College Ljubljana, Slovenia

Prof. dr Petar Jovanović, Faculty of the organizational sciences (FON); Belgrade

Prof. dr Geert Duysters, ECIS (Eindhoven Centre for Innovation Studies), Eindhoven University of Technology, Eindhoven, The Netherlands

Prof. dr Michale. D. Mumford, University of Oklahoma, USA

Prof. dr John. A. Parnell, School of Business, University of North Carolina-Pembroke, Pembroke, USA

Prof. dr Antonio Strati, Dipartimento di Sociologia e Ricerca Sociale, Universities of Trento and Siena, Italy

Prof. dr Rajesh Piplani, Center for Supply Chain Management, Nanyang Technological University, Singapore

Prof. dr Musin Halis, University of Sakarya, Business and Administration Faculty, Serdivan, Turkey

Prof. dr Rekha Prasad, Faculty of Management Studies, Banaras Hindu University, India **Prof. dr Ofer Zwikael**, School of Management, Marketing and International Business ANU College of Business and Economics The Australian National University, Australia

Dr inż. Renata Stasiak-Betlejewska, Institute of Production Engineering, Faculty of Management, Czestochowa University of Technology Poland

Prof. dr Simon Gao, Edinburg Napier University, United Kingdom

Prof. dr Jadip Gupte, Goa Institute of Management, India

Prof. dr Jan Kalina, Institute of Computer Science, Academy of Sciences, Czech Republic

Prof. dr Vesna Spasojević Brkić, University of Belgrade, Faculty of Mechanical Engineering, Belgrade, Serbia

Prof. dr Milan Stamatović, Faculty of Management, Metropolitan University, Serbia

Prof. dr Jifang Pang, School of Computer and Information Technology, Shanxi University, China

Prof. dr Ladislav Mura, University of Ss. Cyril and Methodius, Trnava, Slovakia
Prof. dr Pal Michelberger, Obuda University, Budapest, Hungary
Dr. Slobodan Radosavljević, RB Kolubara, Lazarevac

Organizational Board of the Conference:

Doc. dr Predrag Đorđević, president of the Organizational Board **Doc. dr Đorđe Nikolić**, vice-president of the Organizational Board **Doc. dr Milijić Nenad**, vice-president of the Organizational Board **Doc. dr Marija Savić**, vice-president of the Organizational Board

Organizational Board of the students symposium:

MSc Ivica Nikolić, PhD student, president of the Students Symposium Organizational Board. MSc Sanela Arsić, PhD student, vice-president of the Students Symposium Organizational Board.

Printed by Technical Faculty in Bor

INTERNATIONAL MAY CONFERENCE ON

STRATEGIC MANAGEMENT

HUMAN RESOURSE MANAGEMENT CHALLENGE FOR EFFECTIVE LOCAL GOVERNMENT

Jadranka Denkova, Jovan Ananiev, Strasko Stojanovski

"University Goce Delcev" Stip, Macedonia

Abstract: Organizations are a set of people who work together, where they coordinate their activities aimed at effectively and efficiently achieving the goals of the organization. Achieving the goals of the organization are carried out with the managers who manage the human resources and organize, coordinate and control all of the activities of the organization. Human Resource Management presents interdisciplinary science which unites a set of knowledge related to the people in the organization which provides guidance to managers how to manage human resources in the organization in order to achieve higher individual and organizational performance. As a result, this process involves critical analysis of the necessity of human resources, sorting and picking the best people that suit the needs of the organization, integration of the selected candidates into the organization by providing a system of appropriate rewards and career development, advancement of knowledge, assessment, control of operations, adequate protection and establishing responsibility and punishing or firing employes. Hence, the purpose of this paper is aimed at analyzing the human resource management in local government as an independent organization within the social system of the Republic of Macedonia. Considering the fact that people are the most important resource in the organization, the subject of this research is oriented to understand how the local government in the Republic of Macedonia has managed human resources and to explore the attitude of the manager towards the administration and towards all of the processes that encircle the entire management process. The methodology of this research is based on qualitative analysis, content analysis, interview and questionnaire composed of more than eighty participants, with job titles: mayors, administrative representatives and representatives of the local government council. The survey questions refer to the answers relevant to the purpose of the research. The results of the questionnaire suggest that human resource management in the local government is achieved on a satisfactory level. The approach of the human resource management is not fully staffed with organizational units. Adequate evaluation process, proper selection of employees, as well as motivation of the employees is lacking in the organizations. In many cases, there are employees with inadequate education and the process of training is reduced to a formality. It can be concluded that the human resource management in the local government in the Republic of Macedonia is not exercised in accordance with the rules and procedures of the human resources management. The heads of departments especially the employees in the sector of human resource management need to impose their knowledge as a necessity for efficient and effective management. Employees need to provide their own initiatives to their superiors about their capacities and capabilities that can help the success of the organization. Motivating plans and programs in form of benefits, system of awards and trainings need to be developed in order to enable the improvement in each organizational unit.

Keywords: management, human recourse, recruitment, selection, training, motivation

1. INTRODUCTION

The local self-government in Macedonia is a constitutional category, guaranteed in the Constitution from 1991⁹ The main prerequisite for the local development of the Republic of Macedonia is the existence of effective local self-government. The Constitution and laws normatively govern the competences and the independent status of the local self-government in the political system in the country. The Law on self- government provides that municipalities, in accordance with the principle of subsidiarity, have the right to independently perform activities of public interest and their competencies are comprehensive and exclusive and must not be taken away or limited, except in cases established in Article 20 and Article 21 of the Law on local self-government.¹⁰ Law on self-government establishes that the municipalities, in accordance with the principle of subsidiarity, have the right to independently perform activities of public interest and their competencies are comprehensive and exclusive and must not be taken away or limited, except in cases established in Article 20 and Article 21of the Law on local self-government¹¹. Thus, the local self-government undertakes responsibilities that are of importance for the development of the local selfgovernment units and citizens living in the community and they are clearly stated in Article 22 of the Law on Local self-government¹². The principle of independence means that no state organ can interfere in the work of the local self-government units in performing its independent powers. How far a local community will be developed depends on many factors, but the major effect is on how efficiently the governing bodies of the local self-government fulfill their function, or how they manage it, especially how it is managed with the local government employees (administration and other staff) so-called human resources in the local self-government. The quality of the decision making process in the local self-government will depend on the professional support provided by the local self-government administration. If the local self-government has inadequate or unskilled personnel we cannot expect efficiency and professionalism in making decisions. Although the management function in the municipality is entrusted to the municipal council and the leadership of the mayor, they are not sufficiently competent and professional in each area, in large part they base their decisions on the previous analyzes and expert materials prepared by the administration.

By increasing the powers of the local self-government units, a need to strengthen the political culture of the population in the local community appeared and active participation of citizens in the local processes. A need to increase the level of professionalism of the executive and administrative bodies in the municipality emerged, improved communication between the citizens and their greater involvement in decision making processes, resulting in a positive impact on municipal management.¹³ By adopting the Law on Local self-government the authority of the local elected officials has increased as well as the powers of the municipalities.

⁹ Constitution of Macedonia (Official Gazette of Republic of Macedonia no.52/1991, 4/1992, 107/2005)

¹⁰ Law on local self-government (Gazette of Republic of Macedonia no.05/2002)

¹¹ Law on local self-government (Gazette of Republic of Macedonia no.05/2002)

¹² Law on local self-government (Gazette of Republic of Macedonia no.05/2002)

¹³ Law on local self-government (Gazette of Republic of Macedonia no.05/2002)

The Law on self-government¹⁴ increased the efficiency of the local self-government and provided faster, better and cheaper services to citizens, and it represents a qualitative change compared to the previous law, with many functions that were previously common and are now guaranteed as original municipal functions. By giving more responsibility to municipalities the power of the central government has reduced, freeing it with everyday municipal obligations.¹⁵

Organizations are a set of people who work together, where they coordinate their activities aimed towards effective and efficiently achieving the goals of the organization. Achieving the goals of the organization is carried out with the managers who manage the human resources and organize, coordinate and control all the activities of the organization. The managing the human resources is part of the management activities of the organization that refers to the management of people in the organization. The scientists have concluded that the human resources management is interdisciplinary science, which unites a set of knowledge related to the people in the organization in order to achieve higher individual and organizational performance. Therefore this process involves a critical analysis of the needs of the human resources, recruiting or the manner of securing, sorting and picking the best that suit the needs of the organization, the selected candidates to integrate into the organization by providing a system of appropriate reward and career development, training and continuous improvement of the knowledge, assessment, control of operations and of course providing adequate protection. Finally establishing responsibility and punishing or firing employees.

According to the International Association of managers of local self-government, the management role of local government is exercised in four areas: Human Resource Management, Change Management, Establishment and Fostering cooperative relations and public, and publicity. This association defines the main elements that constitute the local self-government, the orientation towards action, relationship with the citizens, the autonomy and entrepreneurship, orientation to the employees, building a system of values, mission, goals and competence, structure and political relations. Generally the conclusions of the previous researches are that there is no understanding of the need for change, a lack of organizational skills to implement the changes, which means that the process of introducing good governance on the local level faces a number of visible and invisible resistances. Hence, for efficient management in the local self-government units essential changes are needed in order to provide the available human resources and material and technical resources to be able to respond to citizens' demands for better services.

2. RESEARCH METHODOLOGY

The purpose of this paper is aimed at analyzing the management of human resources in local self-government in the eastern planning region as an independent organization within the social system of the Republic of Macedonia. Considering the fact that man is the most important resource in the capital of an organization, the subject of labor is oriented to perceive how the local government in the country to manage human resources, what is the

¹⁴ Law on local self-government (Gazette of Republic of Macedonia no.05/2002)

¹⁵ Sotir Kostov, The decentralization is our objective, Skopje 2006

attitude of the manager to the administration, what is the attitude towards all the processes that complete the overall management process. If the access the approach to the person in the organization is correct in that case greater effectiveness and efficiency is achieved, and the organization will achieve the goals set on the territory where the local self-government extends, and also it will affect the success of the state. Guided by the strategic goal of effective state a necessity of effective local government occurs as an extended arm to achieve the priorities and objectives of the country. The effort of the government to create effective management of the administration is perceived by introducing legal provisions¹⁶ that refer to mandatory establishment of organizational units for management of human resources that its purpose should exercise in terms of effectively managing of responsible persons in the municipality. These organizational units should have personnel trained to human resources management. Their role is seen in that it should be staffed with persons who have adequate professional preparation in the field of human resources management; to have an educator and psychologist who provide guidance on analysis of the social and mental condition of employees. These employees should not impose their own analysis of the needs of employees, the possibility of their reassignment, to make proposals to motivate and reward employees. To make analysis of the realized training staff and to record and to store the received diplomas, certificates and other certificates of successful training. These organizational units should arise analyzes required for the systematization of jobs, as well as short and long-term plans for the needs of new staff or to indicate the excess personnel, and to offer suggestions for their competence.

Hence the general hypothesis of this paper suggests that the effectiveness of local selfgovernment depends on the way of managing human by the responsible persons in the municipality. Effective human resources management in local self-government means recruiting competent staff, fully equipping municipalities with the necessary personnel, proper analysis of the human resources, using the methods of human resource planning for short and subject timeframe, monitoring the achievement of the results of the municipal staff, training of municipal administration, employee motivation and corrective measures to achieve better results. The methodology of the research is based on qualitative analysis and content analysis, interview and questionnaire over more than a hundred participants, administration and representatives of the council of the local self-government. The questions of the survey refer to the answers relevant to the object and purpose of the research.

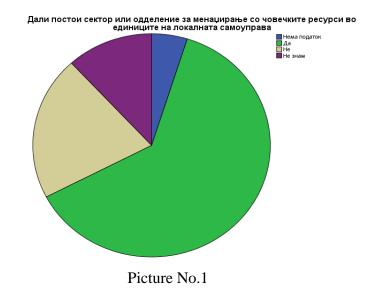
3. ANALYSIS OF RESEARCH RESULTS

To perceive the way of human resource management in the local self-government in eastern planning region, we conducted a survey on 144 respondents in 11 municipalities. The survey was conducted over various administrative positions relevant to the subject of research. The survey referred to issues related to the way the management of the municipality

¹⁶Pursuant to Article 36, paragraph (2) of the Law on Government of Republic of Macedonia ("Official Gazette of RM no. 59/2000, 12/2003, 55/2005, 37/2006), the Government of Republic of Macedonia, at the session held on 29th August, 2007, adopted a Regulation internal organization of state Administration.

by the responsible persons. Despite the survey, the analysis of the results is based on the interview that contained various issues of human resources management question asked to the administration of the local self-government units in Eastern planning region. Mainly, the issues in both instruments include the following: planning and analysis of the needs of human resources in local self-government, recruitment procedures, staffing of the organizational units for human resources, evaluation, motivation, and training of administrative workers, monitor performance and responsibility of the local self-government administration.

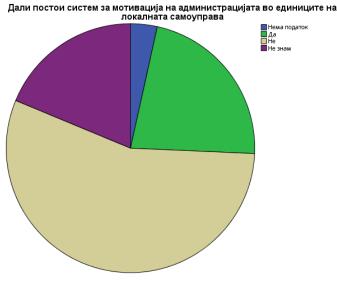
By presenting the results in this paper it can be seen how the managing of human resources in local self-government is accomplished, and at the same time to consider the advantages and disadvantages. Therefore, I will start with a presentation on the basis of this research, and that is the conclusion that emerged from the respondents that the function management of human resources is established as organizational unit of the local government in 90% of the municipalities, and from the interviews, we learn that the achievement of this function is formal and is reduced to keeping records of the staff, they are not involved in providing expert suggestions related to staffing and recruiting staff. In the local selfgovernment the units or the sectors of human resources, are formal organizational units which means they are not fully staffed due to lack of adequate professional staff. Such conclusion follows from the fact that the full staffing of public administration is in 39% of the municipalities and partial staffing is in 37% in the local self-government. The formal position of the organizational units for human resources is comprehended from the fact that they had not made plans for the needs of human resources which are a very important segment for timely provision of the required personnel in the local self-government. These sectors are not included in the preparation of the acts for the systematization, as well as the recruitment and selection of the staff. Their function starts from the moment they receive orders to post an ad and to register those who obtain employment decision.¹⁷ See picture No. 1



¹⁷ The need for staff and the process for determination of need for new employment is performed mayor. For every worker a file is kept, which contains all information about the employee training and other achievements. There is no electronic system of recording and analyzing the files so that the capacity of employees can be electronically monitored (level of education, age, qualifications, etc.)

Considering the fact that in the local self-government does not have full staffing of administration, for failure to managing human resources also points out to the fact that there is a lack of skilled personnel for key positions in the local self-government. From the 11 municipalities, there are municipal secretaries only in two municipalities, and they have the main function of managers in the municipality. Furthermore, this reflects the irregular distribution of staff or lack staff for key positions, such as professional staff for strategic planning, project managers, for international cooperation, communication etc. This means that the municipalities have a lot of employed administrative staff, but they are not evenly distributed in terms of the needs of the municipality and their expertise.¹⁸ This is due to the wrong approach in the process of managing human resources. Such employment is due to the merged system, which gives advantage in employment to the staff that is politically committed to the party in power.

The motivating of the civil servants depends on the knowledge and skills of those responsible or the immediate superiors. The local self-government units do not have any procedure or criteria for motivation. See picture No. 2



Picture No.2

In terms of whether in the local government, the mayors use the system of motivation for the employees in the administration of those surveyed and interviewed administrative officials we have learned that there is no program to motivate the administration. Thus, 80% of respondents and all administrative officers interviewed said they did not receive any motivating rewards or other benefits that motivate for further additional investments in office.

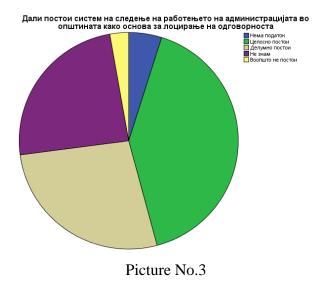
Besides the salary and training related to their professional upgrading they have not received another kind of motivation. This again indicates a deviation from an important segment in the process of managing human resources as the most important for effective local government. However, the motivation in the public authority as a very important factor for

¹⁸ We have a number of municipal staff and I think they are excessive on the one hand, on the other hand there is a lack of professional staff to increase the efficiency of the municipality.

effective and efficient civil servants in the present moment is a category that is not dealt with even in the administrative laws.¹⁹

In terms of training, the procedures for training of civil servants in the country and abroad, the criteria for determining the types of training and nomination of trainees, the feedback after completing the training, record keeping and the utilization of the trained staff, the result is that state authorities unless the preparation of the program and training plan, as an obligation imposed by the administration Agency, there are no other written procedures and criteria regarding the training of civil servants. Thus, 80% of the respondents said they made training plans that are not fully implemented, represent a formality. The funds provided for training are converted or the municipalities do not have budgets for training. As for the nomination of persons for training, vocational training or schooling abroad there is no criteria, guidelines and instructions in any local self-government body. The nominations for the training are not transparent in all local self-governments the mayors decide without prior analysis and checking whether there is need for training of those persons. Thus, the respondents say that all employees do not have equal access to exercise their right to apply for some training.²⁰As a disadvantage the respondents highlighted the fact that there is no continuity and monitoring program for training in the authority itself, do not act on it, and all this is due to the indiscipline of the first people in the authority. Regarding the question of how to follow the achievements of the administration 50% said they have a system to monitor performance. Their answers suggest to monitoring through the evaluation which is not always

a reliable data about the achievement of the administration. There are no other written procedures or measurable indicators of achievement of the administration. See picture 3



¹⁹ The contemporary managers are faced with the question how to motivate employees to focus their energy, knowledge, skills and abilities to achieve the objectives of the organization. The managers dealing with human resources must know the theory and practice in its use, scientifically based approaches that see the motivation as a mean to shape the behavior of people in the organization. More in M. Pekovich (2003), Organizational behavior: Faculty of Economics, Belgrade, p 212-213.
²⁰ In this context one of the interviewee says: "There are no criteria and procedures for the implementation and selection of persons that

²⁰ In this context one of the interviewee says: "There are no criteria and procedures for the implementation and selection of persons that should attend training in order to be able to send the right people to attend these trainings. But I think time should pass to establish it due to the reason that the local self-government employees are still hungry for training so far we had donations, this is the first year we plan funds in the budget of the institutions of the program K2 but with supplementary budgets these means are deducted and there are less remaining funds for training of employees."

In terms of taking disciplinary measures or initiation of disciplinary proceedings as an important corrective segment for the successful operation of human resources and an important part of the process of managing, the data show that no severe disciplinary penalties over the administration were taken. Thus from the answers we may perceive that of all municipalities in over 30% of the administration there are disciplinary proceedings undertaken, and the pronounced penalties are for minor injuries or the penalties are not implemented in practice.

4. CONCLUSION AND RECOMMENDATIONS

Within the research, resulting conclusion is that the function human resources management is an organizational part of the local self-government bodies for which staffing with appropriate professional administrative staffs and completed legal placement is necessary. It is especially necessary setting municipal secretaries as essential factors for effectively managing human resources. It should be particularly mentioned that the mayors and secretaries of the municipalities need to have diplomas for passed training for human resources, will require them to make contributions that would help to facilitate management of the municipality.

The results point to establishment of procedures for the planning and the analysis of the required staff, the selection and recruitment of the appropriate staff. The managers should ask the experts to assist them in detecting the needs for new jobs, retraining, training and redeployment of administrative staff in local self-government.

In terms of the monitoring the performance and motivation of employees in the public sector, establishment of computer software that will be indicative of measurable data is necessary. In that way you can realistically assess, reward and penalize the public sector workers. This method will produce motivated and responsible administrative officers.

In the laws and bylaws provisions should be introduced that will affect the motivation of the civil servants. The motivation in every aspect through the basic salary component accompanied by other benefits particularly affects the investment and effectiveness of the administrative officials in the local self-government. From that point the law should particularly focus on depth analysis of the motivation.

In terms of the training, the mayors have no relation to training as a pressing need for the local self- government units. It is inevitable to approach seriously to the motivation of employees in terms of their professional training and further training, as well as opening opportunities for redeployment of new jobs according to their skills and knowledge. A successful organization is the one that knows how to get the most out of their employees, and for that you need to have motivational plans and programs.

In other words, the recommendation is the organizational unit of human resources should experience a complete transformation in the local self-government units, and that means a serious approach by the responsible officials themselves and the employees, especially those working in organizational units for human resources.

Thus, if the administrative workers are employed under clear legal rules, if they are progressing in the service under the same criteria, and the entry into service is according to

written procedures and the training is an element that affects the motivation and capacity building of the public administration we will have a motivated, effective and responsible local administration that will produce solid results and satisfaction of the citizens.

REFERENCES

- Rchard D. Bingam, Viljam M. Boyen, Miti Olajon Cendler, Teril Lin Kornvel, Gek P. De Sario, Pol R. Domel, Kenet L. Ender, Kler L. Felbinger, Edvard V. Hil, Sanda, Kayfman, V.Denis, Kiting, Lorens F. Keler, Norman Krumolc, etc.Management of local government - public administration practice, Project of the Government of Republic of Macedonia (2009), Skopje.;
- 2.Илија Тодоровски, Лидија Петковска-Христова, Анета Јовевеска, Весна Стојанова, Мирјана Сланинка Динева, Јорде Јакимовски, Наташа Габер, Маријана Ханџиска, Аница Драговиќ Функционирање на системот на локалната самоуправа вп РМ, ISPPI(2004) Скопје;
- 3.Сотир Костов, Нов јавен менаџмент во општините, Центар за квалитет Скопје. (2005);
- 4 Илија Тодоровски, Развојот и карактеристиките на локалната самоуправа во Англија, САД и Југославија, НИО Студентски збор (1991).Скопје;
- 5. Steven Ott, Alvert C. Hyde, Jay M. Shafritz Public management, (1990) Chicago USA;
- 7.Husmans J.H.The effectiveness of the cognitive style constraint in implementing operations research proposal, Management Science. (1970);
- 8. Жан Валин Административно право, Проект на Владата на РМ, (2010) Скопје;
- 9. Danielle Bossaert. Christoph Demmke, Koen Nomden, Robert Polet Civil services in the Europe of Fifteen Trends and New developmentEuropean Institut for public administration. (2002);
- 10. Мирјана Петрович Организационо понашање, (2003) Економски факултет Белград;
- 11. Прирачник за децентрализација за претставници на граѓански организации за мониторинг на процесот за спроведување на децентрализација во Република Македонија / [автори Јане Вртески, Наташа Илијева-Ацевска, Георги Христов]. Скопје : Фондација отворено општество Македонија, 2013. 160 стр. : илустр. ; 24 см Фусноти кон текстот. Библиографија: стр. 160. Содржи и: Анекс 1-3ISBN 978-608-218-174-5;
- 12.Breyer Stewart, Sunstein Richard B. Stewart, Cass R. Sunstein, Administrative Law Regulatory Policy, Asjen Law Business, United State (2006);
- 13.Jay M Shafritz, Albert C. Hyde, SandraJ.Parkes, Classsics of Public Administration, Wadsworth, Uunited State (2003);
- 14.Harry Wore, Carry S. Miller, W .Fred Wegener, Larry S. Miller, Effective Police Supervision, Nexis Matthew Bender, United State (2003);

CONTENTS:

XIII INTERNATIONAL MAY CONFERENCE ON STRATEGIC MANAGEMENT – IMKSM17 –

Plenary papers

EXPERIENCES ON APPLYING MCDA AND VOTING METHODS TO THE MANAGEMENT OF STATE-OWNED LANDS IN FINLAND	
Jyrki Kangas, Veikko Hiltunen, Jouni Pykäläinen	1
FORMING COMPETENCES OF SOCIALLY RESPONSIBLE MANAGEMENT AS A SIGNIFICANT DRIVER FOR PROFESSIONAL DEVELOPMENT	
Elena Kalugina, Natalia Safronova	2
ANALYSIS OF THE OCCUPATIONAL SAFETY FACTORS IN PRODUCTION COMPANIES, AS IMPORTANT SEGMENT OF THEIR STRATEGIC DEVELOPMENT	
Nenad Milijić, Ivan Mihajlović, Ivan Jovanović	12
PARTICIPATION RATIONALES IN ENVIRONMENTAL MANAGEMENT	
Teppo Hujala	29

Conference papers

STRATEGIC SUPPLY CHAIN PLANNING

EXPLORING THE INFLUENCE OF ONLINE SOCIAL NETWORKS ON PURCHASE INTENTION

ERGONOMIC MULTIVARIATE MODELLING OF LIBYAN DRIVERS ACCOMODATION IN PASSENGER CARS	
AhmedEssdai, Vesna Spasojević Brkić, Aleksandar Brkić	51
SWOT ANALYSIS OF LOGISTICS SYSTEM IN COMPANY OF THE PAPER PRODUCTION	
Željko Stević, Enis Mulalić, Irena Đalić, Nenad Vasiljević	59
ENTREPRENEURIAL COST MANAGEMENT: INSTRUMENTAL APPROACH	
Alexander Miller	70
CONSUMER BEHAVIOR IN SPECIFIC TERMS OF SALE Nikola Vujanović	80
MARKETING COMBINATORICS FOR MORE SUCCESSFUL BUSINESS Dijana Damevska, Maja Kocoska	97
CUSTOMER ADVOCACY: A STRATEGY FOR REVAMPING E-TAILERS' SERVICES IN INDIA	
Sablu Khan, Mohd Afaq Khan	103
APPLICATION MODEL OF SIX SIGMA METHODOLOGY Saša Spasojević, Dragana Simić Antonijević	115
MULTICRITERIA ANALYSIS OF ACCIDENTS IN UNDERGROUND PRODUCTION SYSTEMS	
Dejan Bogdanović, Ivan Jovanović, Valentina Velinov, Goran Stojanović	121
ENVIRONMENTAL COST MANAGEMENT IN RETAIL Ivan Vojteški	128
THE ENERGY COSTS IN TRADE	
INE ENERGY COSIS IN TRADE	139
EVALUATION AND RISKS OF MACHINERY ENTERPRISES Karel Sellner, Petr Kocour	151
VIRTUAL ORGANIZATIONS AS A STRATEGIC CHOICE MULTIPLE CASE STUDY	
Liisa Kemppainen,Jukka Sirkiä, Minna Jukka,Jukka Hallikas	161

MARKETING MANAGEMENT AT A MODERN ENTERPRISE
PECULIARITIES OF THE PROCESS

Evgeniya Yazovskikh, Oksana Yatsenko	. 170
IMPACT ANALYSIS OF THE ELEMENTS OF OCCUPATIONAL SAFETY AND KNOWLEDGE MANAGEMENT ON PROJECT GOALS REALISATION AND BENEFITS IN THE PROJECT-BASED ORGANIZATIONS IN ŠUMADIA DISTRICT	
Ivan Jovanović, Nenad Milijić, Dejan Bogdanović, Anđelka Stojanović	. 179
IMPACT OF ENTREPRENEURIAL ACTIVITIES ON THE INNOVATIVENESS AND PROFITABILITY OF SMES IN EASTERN SERBIA	
Ivan Jovanović, Milica Arsić	. 190
THE ROLE OF THE TRAVEL AGENCIES WITHIN THE POLICY OF BULGARIA	
Ventsislava Ivanova	. 201
THE AFFORESTATION STRATEGY OF THE REPUBLIC OF SERBIA IN TORRENTIAL FLOOD RISK MANAGEMENT	
Mihailo Ratknić, Sonja Braunović, Tatjana Ratknić, Ljubinko Rakonjac, Nebojša Marjanović	. 209
METHODOLOGY FOR EVALUATION AND ANALYSIS OF THE COMPETITIVENESS OF SMALL AND MEDIUM –SIZED ENTERPRISES	
Sibel Ahmedova	. 221
UTILIZING WEB AND CLOUD-BASED TECHNOLOGIES TO SUPPORT CORPORATE BUSINESS OPERATIONS	
Ivan Miković, Teodora Lolić, Darko Stefanović, Srđan Sladojević	. 230
RISK ANALYSIS BASED ON BAYESIAN NETWORKS AND A MULTI-CRITERIA DECISION-MAKING METHOD - SELECTION OF CIRCUIT-BREAKERS FOR THE 110KV SUBSTATIONS	
Jelena D. Velimirović, Aleksandar Janjić, Lazar Velimirović, Petar Vranić	. 241
THE LEARNING ORGANIZATION IN SERBIAN ACADEMIC SETTING: A FAD OR AN ECHO?	
Slobodan Adžić	. 250
QUALITY OF SPORT AND RECREATIONAL SERVICES IN TOURISM OF STRUGA REGION (R. MACEDONIA) - APPLICATION OF ADOPTED SERQUAL MODEL	
	0.00

INCREASING MARKET SHARE AND ACHIEVING COMPETITIVE ADVANTAGE THROUGH MERGING ON MACEDONIAN TELECOMMUNICATION MARKET – TELEKOM AUSTRIA GROUP AND TELEKOM SLOVENIA GROUP	
Emilija Stevanovska, Lence Petreska, Pavlina Stojanova,	271
PREDICTION OF STOCK PRICE USING TECHNICAL ANALYSIS	
Pavlina Stojanova, Lence Petreska, Emilija Stevanovska	279
ANALYSES FOR ESTABLISHING CONDITIONS FOR MANAGING SPORT ACTIVITIES AT THE UNIVERSITIES – REPUBLIC OF MACEDONIA CASE STUDY	
Tanja Kitanovska Stojkovska, Liza C. Pantekovska	288
THE SIZE OF THE COMPANY – ADVANTAGE OR DISADVANTAGE? (CASE STUDY FROM THE CZECH REPUBLIC)	
Zuzana Virglerova	294
WIND ENERGY - A LEADING SOURCE OF NEW RENEWABLE ENERGY CAPACITY	
Zeljko Vojinović, Kristina Kuzmanović	303
THE IMPACT OF PROCESS OF MANAGING RESULTS ON THE PROFITABILITY OF ORGANIZATIONS	
Savo Ashtalkoski, Irena Ashtalkoska, Igor Slavkoski, Bardul Tushi	313
DETERMINATION OF QUALITY IN PLASTIC INJECTION MOLDING PROCESS OF LID FOR OPTICAL FIBER HUB BASED ON GEOMETRIC DEFORMATIONS	
Zorica A. Veljković, Damir Ćurić, Vesna Spasojević Brkić, Slobodan Radojevic	321
AWARENESS OF PRIMARY SCHOOL TEACHERS ABOUT USE OF NEW TECHNOLOGIES IN THE SYSTEM OF PRIMARY EDUCATION IN SERBIA	
Sanela Božinović, Olgica Mihajlović, Miroslav Piljušić	332
THE IMPACT OF CREATIVITY, CREATIVE STRATEGIES AND METHODS FOR DATA COLLECTION ON SUSTAINIBILITY OF BUSINESS IDEA	
Milica Arsić, Ivan Jovanović	341
INFLUENCE OF MOTIVATION ON EMPLOYEES IN ORGANIZATIONS Sanela Arsić, Isidora Milošević	348
USE OF FINANCIAL INTELLIGENCE IN MAKING FINANCIAL DECISIONS	
Marijan Stevanovski, Marjan Mladenovski, Kristina Stevanovska	360

THE ROLE AND IMPORTANCE OF BUSSINESS COMUNNICATIONS ON COMPANY'S IMAGE BUILDING	
Dragan Ilić, Aleksandra Tešić, Marko Milosavljević, Jelena Ilić	. 367
GLOBAL MARKETING RESEARCH ON EXAMPLE OF PHARMACEUTICAL INDUSTRY	
Dragan Ilić, Aleksandra Tešić, Marko Milosavljević	. 373
THEORETICAL AND METHODOLOGICAL APPROACHES IN STUDYING INTELLECTUAL CAPITAL	
Jelena Jovkić, Snežana Urošević, Milovan Vuković	. 378
CUSTOMER SATISFACTION AS A PREDICTOR OF ESTABLISHING AN EFFICIENT AND EFFECTIVE CRM IN THE RETAIL SECTOR IN SERBIA	
Ana Todorovic	. 391
REVITALIZATION OF UTVA - AVIO INDUSTRIJA D.O.O. FACTORY	
Damir Ilić, Vladimir Tomašević, Tatjana Ilić-Kosanović	. 403
USABILITY OF APPLICATIONS RAILWAY	
Zoran Pavlović	. 415
HUMAN RESOURSE MANAGEMENT CHALLENGE FOR EFFECTIVE LOCAL GOVERNMENT	I
Jadranka Denkova, Jovan Ananiev, Strasko Stojanovski	. 426
THE MOST IMPORTANT DIMENSIONS OF CORPORATE SOCIAL RESPONSIBILITY	
Sanela Arsić, Anđelka Stojanović, Ivan Mihajlović	. 436
NOMINAL AND REAL CONVERGENCE IN EU COUNTRIES IN THE PERIOD 2004-2015	
Danijela Durkalić, Aleksandra Fedajev	. 455
WHAT BOOST THE OCCURANCE OF THE SHADOW ECONOMY IN EUROPEAN ECONOMIES IN POST-CRISIS PERIOD: THE RESULTS OF STRUCTURAL MODEL	
Aleksandra Fedajev, Milica Arsić, Radmilo Nikolić	. 471
COST MANAGEMENT USING ABC METHODOLOGY	
Luminita Parv	. 483

STAFF MANAGEMENT MECHANISM BASED ON THE ASSESSMENT OF ECONOMIC LOSSES DUE TO STAFF TURNOVER

Alena Borisova	. 490
COMPARATIVE ANALYSIS OF THE FACTORS INFLUENCING SME FAILURE IN SERBIA AND ALBANIA	
Nenad Nikolić, Zhaklina Dhamo,Vasilika Kume	. 499
APPLICABILITY OF ALGORITHMS FOR PRODUCTION PLANNING OF VIRTUAL CELLULAR MANUFACTURING SYSTEMS IN INDUSTRIAL ENTERPRISES IN CONDITIONS OF MASS CUSTOMISATION	
Ivan Dakov, Mariyan Genchev	. 507
ADAPTATION AND DEVELOPMENT OF THE ALGORITHMS FOR PRODUCTION PLANNING OF VIRTUAL CELLULAR MANUFACTURING SYSTEMS IN INDUSTRIAL ENTERPRISES IN CONDITIONS OF MASS CUSTOMISATION	
Ivan Dakov, Mariyan Genchev	. 518
PILOT PROJECT OF ECOLOGICAL HOUSE	
Zorana Z. Vidić, Bojana D. Šaljić, Olivera S. Novitović	. 528
KEYWORDS IN MARKETING: SOME LINGUISTIC CONSIDERATIONS	
Carlos Inchaurralde Besga	. 535
ECOLOGICAL SECURITY OF AUE AS A FACTOR OF FUTURE DEVELOPMENT	
Fadia Moosa Rasheed Hatamleh, Dusko Tomic	. 542
THE FISCAL CHARACTER OF THE EXCISE AND ITS INFLUENCE ON THE CONSUMPTION AND SOCIAL POLITICS IN THE REPUBLIC OF SERBIA	
Tamara Vesić, Miloš Nikolić, Jovan Petronijević	. 554
THE COMPLEXITY OF COMPANY'S VALUATION PROCESS THROUGH ITS BASIC VARIATIONS	
Anastas Dzurovski	. 563
THE MODEL OF STRATEGIC PLANNING IN THE DEVELOPMENT OF ECOTOURISM: A CASE STUDY ECO-LODGE IN EASTERN SERBIA	
Danijela Voza, Isidora Milošević, Ivica Nikolić	. 572

CULTURAL DIFFERENCES AND SHAREHOLDER VALUE EXPLORING THE LINK BETWEEN PROFITABILITY, PRODUCTIVITY, AND LONG-TERM MARKET PERFORMANCE IN THE AUTOMOTIVE INDUSTRY	
Darko Milosevic, Jane Paunkovic	586
RENEWABLE ENERGY SOURCES ASSESMENT ACCORDING SUSTAINABILITY INDICATORS: CASE KOSOVO AND METOHIJA	
Bojan Stojčetović, Predrag Đorđević	598
ORGANIZATIONAL LEARNING AS A KEY PROCESS OF THE LEARNING ORGANIZATION	
Bojana Drakula, Ljubica Duđak	606
OPTIONS FOR IMPLEMENTATION OF MODERN SYSTEM FOR THE PRODUCTION OF ORGANIC FERTILIZER IN MINING RESOURCES AND RISK FACTORS	
Slobodan Radosavljević, Milan Radosavljević, Jovana Radosavljević	617
HAZARDOUS WASTE AND WASTE WATER WITH RISK ANALYSIS IN MINING	
Slobodan Radosavljević Milan Radosavljević, Jovana Radosavljević	627
APPLICATION OF THE SWOT-MCDM MODEL TO PRIORITIZE THE SCENARIOS FOR MANAGEMENT DEVELOPMENT IN NATIONAL PARK DJERDAP, SERBIA	
Sanela Arsić, Djordje Nikolić, Ivan Mihajlović, Aleksandra Fedajev, Živan Živković	636
ATTITUDE OF EMPLOYEES ON CORPORATE SOCIAL RESPONSIBILITY IN SERBIA	
Anđelka Stojanović, Sanela Arsić, Ivan Mihajlović, Isidora Milošević	637
COOPERATION BETWEEN RUSSIA AND HUNGARY CONTRARY TO THE SANCTIONS	
Kseniia V. Baimakova, Ludmila A. Trofimova	638
INNOVATIVE APPROACH TO INTELLECTUAL POTENTIAL IN ORDER TO CREATE NEW VALUE	
Drago Orčić, Snežana Urošević, Dejan Riznić	650
WITH NEW CLIMATE POLICIES AND ACTIONS TOWARDS A MORE SUSTAINABLE AND LOW - CARBON DEVELOPMENT IN REPUBLIC OF MACEDONIA	
Jasna Teofilovska, Ljubica Teofilovska	664

MEASURING THE IMPACT OF SOCIO - DEMOGRAPHIC CHARACTERISTICS OF THE PROJECT TEAM MEMBERS ON THE FORMATION OF TEAM ROLES (ON THE EXAMPLE OF THE CONCEPT R. BELBIN)

THE ROLE OF PUBLIC-PRIVATE PARTNERSHIPS IN THE RENOVATION OF HOUSING AND INFRASTRUCTURE

CHANGES IN CONSUMER BEHAVIOR IN THE RETAIL TRADE UNDER THE INFLUENCE OF MODERN TECHNOLOGY

Maria Rybalko

XIII Students Symposium on Strategic Management

UPRAVLJANJE ELEKTRONSKIM OTPADOM I NJEGOV UTICAJ NA

ŽIVOTNU SREDINU URBANIH NASELJA THE IMPACT OF DIFFERENT TYPES OF INCENTIVES OF EMPLOYEES OF **TECHNICAL FACULTY IN BOR ON THEIR WORK MOTIVATION LEVEL: A CASE STUDY** CHANGE MANAGEMENT AND PROBLEM SOLVING IN "EAST STAR **GROUP" COMPANY, KNJAZEVAC, USING AHP METHOD COMPANY'S COMPETITIVE ADVENTAGE AND NATIONAL ECONOMIES** THE ADVANTAGES AND DISADVANTAGES OF PUBLIC-PRIVATE PARTNERSHIPS SCIENCE AND TECHNOLOGY PARK BOR Radmila Janković, Andrea Dobrosavljević, Milica Đorđević, Valentina Cvetković, STATISTICAL RELIABILITY TESTING OF CAR TIRES WITH THE **IMPLEMENTATION OF MONTE CARLO SIMULATION** PROJECT RGOŠKA SPA AS A STRATEGY FOR THE DEVELOPMENT OF THE EASTERN SERBIA **ORGANIZING PRICE, VERTICAL DELEGATING AND HORIZONTAL DISPERSION PRICE MANAGEMENT**

THE IMPLEMENTATION OF THE ABC METHOD IN THE PROCESS OF SELECTING THE PRODUCTION PROGRAM