

## ABSTRACTS

---

Bazhenov O.V., candidate of economic sciences, associate professor,  
*Ural Federal University*  
*named after the first President of Russia B.N. Yeltsin,*  
*Ekaterinburg*

### **BRUNCH SEGMENTATION OF PRODUCTION ACTIVITIES OF THE COPPER INDUSTRY FOR ANALYSIS OF THEIR INTERNAL ECONOMIC ENVIRONMENT**

Analysis of industrial activities is an integral part of the analysis of domestic economic environment of the company, which in turn allows to assess compliance of development's directions of their strategic targets. In this paper, the author examines the methodics for analyzing production activities of the copper industry, developed on the basis of its brunch segmentation.

**Key words:** analysis, internal economic environment, copper industry, brunch, industrial activity.

Postnikov V.P., post-graduate student,  
Butorina O.V., candidate of economic sciences, associate professor,  
*Perm State National Research University,*  
*Perm*

### **DETECTION OF CORRELATION BETWEEN TRANSPORT DEVELOPMENT AND ECONOMY: TEMPORAL AND REGIONAL ASPECT OF RESEARCH**

In the article in respect to the theory and practice of management straight and reverse correlations between transport development and national economy are allocated. The complex characteristic of transport branch development in the Russian Federation on the basis of the analysis three groups indicators is carried out: level of automobilization, extent of highways and also capacity of highways construction. For identification extent influence development of this branch on the region economy the analysis of correlation communication in temporary aspect (1997 – 2011) and in regional aspect (among 14 subjects of the Volga federal district) was carried out. The received conclusions became a basis of a specification the directions of management development of transport branch in the region.

**Key words:** indicators development of transport branch, correlation between development of transport and national economy, concrete region.

Koksharov V.A., candidate of economic sciences, associate professor,  
*Ural State University of Railway Transport,*  
*Ekaterinburg*

### **AN INTEGRATED ENERGY INTENSITY ANALYSIS TECHNIQUE OF GROSS REGIONAL PRODUCT**

The article describes an integrated energy intensity analysis technique of gross regional product, allowing to monitor the implementation processes of regional energy policy and timely make decisions to correct it, increasing the energy efficiency and savings in the region. The technique allows to determine the energy increment by sectors of economy, the structure of energy savings increment being defined. This structure is related to the growth of the production and services index allowing to evaluate the change of energy intensity due to the basic components and determine their role in assessing the scale of savings. To estimate the contribution of a number of factors there has been determined the parameters of the corresponding functions in energy demand that is the basis for determining the role of each factor in the reduction (increase) the energy intensity of gross regional product.

**Key words:** energy consumption, structural changes, energy intensity, gross regional product, energy savings, economy factors, the energy efficiency index, sector of economy, industry, energy intensity of production.

Voronov D.S., candidate of economic sciences, associate professor,  
*Ural Federal University*  
*named after the first President of Russia B.N. Yeltsin,*  
*Ekaterinburg*

### **APPLICATION OF DYNAMIC APPROACH FOR EVALUATING THE COMPETITIVENESS OF THE REGIONS OF THE RUSSIAN FEDERATION**

The article discusses the practical aspects of evaluation and analysis of the competitiveness of the regions of the Russian Federation on the basis of the dynamic approach. It is shown that the region's competitiveness includes social and economic aspects. In this publication the choice of the key indicators that reflect the social and economic development of the regions of the Russian Federation. The article suggests the mathematical model that allows for rapid assessment of competitiveness of industrial clusters. The Author has carried out approbation of the dynamic method in the course of evaluation of the competitiveness of regions of the Russian Federation for the period from 2009 to 2011.

**Key words:** competitiveness of the region, the dynamic approach for evaluating the competitiveness, integrative ratio of development of the region.

Polyakova A.G., doctor of economics, associate professor,  
*Institute of Social Analysis and Forecasting The Russian Presidential Academy  
of National Economy and Public Administration,*  
Simarova I.S., post-graduate student,  
*Tyumen State Oil and Gas University,*  
*Tumen*

#### **REGION ECONOMICAL SPACE AND TERRITORY DEVELOPMENT: THE EVALUATION OF COHESION FORCES ACTIVITY**

The article depicts the systematization of properties of the economical space and the role of its cohesion with region development. The composition of factors influencing on region development with reference to space cohesion is determined. The models which allow to evaluate the influence of direct and indirect forcing actions on territory development are designed on the basis of understanding cohesion as complex property of economical space.

**Key words:** region economical space, region development, properties of region economical space, cohesion of economical space.

Krivorotov V.V., doctor of economics, professor,  
Kalina A.V., candidate of technical sciences, associate professor,  
Tikhanov E.A., post-graduate student,  
Erypalov S.E., candidate of economic sciences,  
*Ural Federal University  
named after the first President of Russia B.N. Yeltsin,  
Ekaterinburg*

#### **INDUSTRIAL PARKS AS EFFICIENT MECHANISM OF INVESTMENTS ATTRACTION AND GROWTH OF REGIONAL INDUSTRIAL COMPLEXES COMPETITIVENESS**

Carried out the analysis of strategic goals and tasks of long-term socio-economic development of Russia and regions aimed at increase of its competitiveness and strengthening of competitive positions. Shown the leading role of innovation and high-tech industries development in achieving these goals. Considered the institute of industrial parks as an essential aspect of a comprehensive stimulation mechanism of investment activity in the region, aimed at increasing competitiveness and achieving the strategic development goals. Proposed a research scheme of industrial complexes competitiveness in the framework of industrial parks model realization. Analyzed the effect resulting from the creation of industrial parks in the particular region economy.

**Key words:** competitive ability, manufacturing complex, investments, industrial park, regional economy, investment attractiveness.

Ignatieva E.D., candidate of economic sciences,  
*Institute of Economics, Ural Branch of Russian Academy of Sciences,*  
Mariiev O.S., candidate of economic sciences, associate professor,  
*Ural Federal University*  
*named after the first President of Russia B.N. Yeltsin,*  
*Ekaterinburg*

**EVALUATION (ANALYSIS) OF COMPARATIVE ADVANTAGES  
IN THE DEVELOPMENT AND ALLOCATION OF PRODUCTIVE  
FORCES IN RUSSIAN REGIONS**

The article is devoted to the theoretical aspects and the justification of the methodological approach to the analysis of the comparative advantages in the development and allocation of productive forces of the regions. The author reveals the content of the concept of comparative advantage in the development and location of productive forces, as well as their correlation with comparative competitive advantages. The results of the comparative analysis of these advantages on an example of regions of the Russian Federation are considered.

**Key words:** comparative advantages, productive forces, allocation, competitive advantages, Russian Regions.

Chsherbakov V.S., post-graduate student,  
*Omsk F.M. Dostoevsky State University,*  
*Omsk*

**THE FELDSTEIN-HORIOKA PUZZLE AND INVESTMENT PROCESS  
IN THE REGIONS**

This article considers an existence of the Feldstein-Horioka puzzle at the regional level. The research object is the constituents of the Russian Federation. It was discovered that in average domestic saving ratios exceed domestic investment ratios in more than 75% of the federal constituents of Russia during 2000-2010 years. The author comes to the conclusion that the main problem is the creation of conditions, stimulus for effective actors who can direct sufficient domestic resources at an expansion of the real sector of the economy.

**Key words:** investments, savings, capital mobility, regional development.

Shubina N.V., candidate,  
*Institute of Management and Information Technologies,  
Cherepovets*

### **THE INFLUENCE OF INNOVATION DEVELOPMENT ON THE EXPORT OF PRODUCTS OF THE WOODWORKING INDUSTRY**

The article defines the essence of the concept of economic growth and its relationship with the innovative development of industrial enterprises, based on the analysis of the theoretical principles and practical researches are developed and presented the structure of the concept of innovation development and approaches to its management, made the analysis of the basic indicators of work of the organizations in wood processing in Russia and dynamics of export indicators woodworking industry, determined the dependence of the development of export products and the state of the industry in general. Developed recommendations on increasing the level of innovation development of the woodworking industry.

**Key words:** economic growth, innovation development, competitiveness, export of production, woodworking industry.

Berezyuk M.V., candidate of economic sciences, associate of professor,  
Rumyantseva A.V., candidate of economic sciences, associate of professor,  
*Ural State Federal University  
after the First President of Russia B.N. Yeltsin,*  
Merzlikina J.B., candidate of economic sciences,  
*Federal State Unitary Enterprise "Russian Research Institute  
for Integrated Water Management and Protection",*  
Makarova D. N., post-graduate student,  
*Ural State Federal University  
after the First President of Russia B.N. Yeltsin,  
Ekaterinburg*

### **CHOICE OF THE BEST AVAILABLE TECHNIQUES: ECONOMIC ASPECTS**

A new system of norm setting for maximal permissible impact upon environment based on the best available techniques is one of the main directions of the reform of the state regulation system concerning protection of environment. The paper proposes an algorithm of the techniques' choice which enables to substantiate expediency of a certain BAT application for an industrial plant with taking into consideration its ecological-economic effectiveness.

**Key words:** technological normalization, best available techniques, algorithm of application, ecological-economic effectiveness.

Yashalova N.N., candidate of economic sciences, associate professor,  
*Institute of Management and Information Technologies,  
Cherepovets*

**THEORETICAL ASPECTS OF REGIONAL  
ENVIRONMENTAL POLICY THROUGH THE DEVELOPMENT  
OF THE MARKET ENVIRONMENTAL SERVICES**

The article considers the theoretical features of regional environmental policy: the essence and preconditions for development, principles, directions and instruments of implementation. It is shown that at the present stage to activate the territorial environmental policies need to develop regional markets for environmental services. The author of the proposed activities, contributing to the formation and development of markets for environmental services in the Russian regions.

**Key words:** environmental policy, the environmental services market, environmental entrepreneurship, environmental activities.

Ostrovskiy N.V., candidate of technical sciences,  
*Vyatka State University,  
Kirov*

**PROBLEMS OF THE ESTABLISHMENT AND FUNCTIONING  
OF THE INFRASTRUCTURE FOR WASTE DISPOSAL  
FROM POPULATION**

The article describes the technical, economic and organizational and legal aspects of waste management infrastructure for the population. Spotted an prevailing role of techno-economic aspects over the organizational and legal. Noted the necessity of addressing the diversity of municipalities in legal regulation.

**Key words:** waste of consumption, waste disposal, municipal solid waste, technical and economic aspects, organizational and legal aspects.

Nikonov O.I., doctor of physics and mathematics, professor,  
*Ural Federal University  
named after the first President of Russia B.N. Yeltsin,*  
Tarasyev A.A., post-graduate student,  
*Institute of Economics, Ural Branch of Russian Academy of Sciences,*  
Lutcenko A.V., candidate,  
*Ural Federal University  
named after the first President of Russia B.N. Yeltsin,*  
*Ekaterinburg*

## **MODELING OF INTERREGIONAL MIGRATION FLOWS DYNAMICS**

The paper presents a labor migration model, that describes dynamics of inter-regional labor flows in continuous time. This model modification allows to simulate and explain the dynamics of migration processes and their economic effects for both regions of migrants attraction and origin. The result of modeling migration processes in conditions of a closed system is a graphical display of migration situation. Application of this system enables to track the dynamics of the relationship between the wage levels in the subjects involved in the simulation, the total workforce in the home and host regions and the ratio of the total number of vacancies and unemployed population.

**Key words:** labor migration, forecast, economic theory of migration, economic effects, dynamic simulation, migration policy, labor market.

Dolgikh J.A., candidate,  
Agarkov G.A., doctor of economics, associate professor,  
*Ural Federal University  
named after the first President of Russia B.N. Yeltsin,*  
*Ekaterinburg*

## **THE DEFINITION OF THE CATEGORY “FINANCIAL STABILITY OF THE ENTERPRISE”**

In the article classification and interrelation of types of stability of the enterprise are considered, with allocation of the value of financial stability. Existing concepts of financial stability are analyzed. Author's definition of financial stability in a context of dynamic approach is offered. This definition satisfies to the main signs of studied category and allows to consider financial stability as the main structural component of economic stability of the enterprise.

**Key words:** stability of the enterprise, types of stability, economic stability, financial stability, definitions, static approach, dynamic approach.

Modorsky A.V., candidate,  
*Perm State University,*  
*Perm*

### **METHODICAL APPROACHES TO STRENGTHENING INTERRELATION BETWEEN WAGES AND PRODUCTIVITY OF PRODUCTION**

The article describes the methodological approaches to improve the effectiveness of incentive systems that are based on KPI. Methodical approaches allow sequentially, starting with an analysis of existing KPI system in the enterprise, by analyzing the effectiveness of incentive systems in the enterprise, go to the improvement of this system. Application of the criteria and conditions of use KPI consistently improves KPI system. Evaluation of the approaches used is carried out at the final stage.

**Key words:** wages, enhanced efficiency of production, key performance indicators, incentive system, bonus system.

Platonov A.M., doctor of economics, professor,  
Kozlov V.V., candidate,  
*Ural Federal University*  
*named after the first President of Russia B.N. Yeltsin,*  
*Ekaterinburg*

### **“PYRAMIDAL” MOTIVATIONS OF DIFFERENT PERSONALITY GROUPS IN MANAGEMENT SPHERE: CONCEPTUAL APPROACH**

The article was devoted to the study of motivations for different personality groups aimed at resolving management –related problems. Basing on the well-known A. Maslow’s “pyramid” system of motivation for creative personalities, authors present a concept of similar system for other personality groups that are opposite in multiple ways, namely, modern “layman”, criminal, and degrading personality. These personality groups possess the long-term and stable behavioral motives that cannot be ignored while building efficient management systems of various levels.

**Key words:** motivation, personality groups, personality hierarchy of needs, creative person, layman, criminal personality, degrading personality.