

Competency

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6 Interagency Aspects of Basic and Exploratory Researches' Organization. Prof. Dr. V.Yu. Korchak, Chairman, Section of Applied Problems, Presidium, Russian Academy of Sciences, Moscow, Dr. R.V. Reulov, Deputy Chief of Department, Federal State Institution, 46-th Central Scientific Research Institute of the Ministry of Defense of Russia, FSI 46 CSRI MD RF, Moscow

The main directions of cooperation between federal executive bodies and innovation scientific foundations are given on the basis of domestic and international experience of the fundamental and exploratory research defense organization

Key words: basic science, fundamental and exploratory research, scientific reserve, federal target programs, advanced research foundation, interagency coordination

16 Assessment of Labor Input of Scientific Researches: Indicators of Scientific Results Quality. Prof. Dr. R.A. Durnev, Deputy Head, Federal State Institution, Scientific Research Institute for Civil Defense and Emergency Situations, Ministry of Emergency Situations of Russia, (FSI RRI CDES), Associate Professor, Moscow, I.V. Zhdanenko, Senior Staff Scientist, FSI RRI CDES, Moscow

Indicators of the quality of scientific results, influence the increase of labor inputs of research works are defined; and their qualitative description is provided

Key words: labor input, scientific results, quality indicators, factor levels, practical importance, reliability, practical novelty, scientific novelty

22 Some Problems of the Russian Social Protection System Improving. Dr. L.V. Sergienko, Associate Professor, Management Department, Financial University at the Government of Russian Federation, Moscow

The problem of finding the optimal distribution of the social security fund in order to provide the most effective social services of acceptable quality determined by consumers is on consideration. The proposed methodology based on the use of analysis of variance is calculated for the formation and development of the most effective, targeted, transparent relationships between all interested parties

Key words: social benefit, social security fund, analysis of variance, three-way classification with fixed levels without repetition, experiment, hypothesis

30 Regulatory Framework as a Basis for Mutual Data Recognition. O.V. Mezentseva, Assistant Deputy Director, FSUE, VNICSMV, Moscow

Opportunities of construction of the Russian national program of monitoring the conformity to the principles of good laboratory practice and maintenance of a mutual recognition are on consideration. Normative base harmonized with basic documents OECD is a basis of the GLP-program development

Key words: mutual recognition of data, good laboratory practices, regulatory framework, national monitoring program, compliance with GPL principles, testing centers

34 About Harmonization in Accordance with the Recommendations of the OECD Council. E.V. Zhurba, Chief of Department, FSUE, All-Russian Research Center for Standardization, Information and Certification of Raw Materials and Substances, Moscow

As part of the process of accession to the Organization for Economic Cooperation and Development, Russia needs to harmonize some national legislation with the regulations of the organization. The possibility of implementing the OECD decisions and recommendations with the help of Russian information-analytical system Regulation of chemical products handling is analyzed

Key words: production, sale and handling of chemicals, information-analytical system, chemicals ranking by prioritize

39 Regulation of Chemical Products Handling. Chemical Production Cartography. T.I. Soldatenkova, Chief of Department, FSUE, All-Russian Research Center for Standardization, Information and Certification of Raw Materials and Substances (VNICSMV), Moscow, E.S. Sudarkina, Senior Staff Scientist, FSUE VNICSMV, Moscow, E.N. Starikova, Leading Engineer, FSUE VNICSMV, Moscow

The possibilities of information-analytical system Regulation of chemical products handling; the distribution density of Russian chemical enterprises; their monitoring and control to improve the safety of chemical production are on consideration

Key words: chemical products, information-analytical system, information-analytical center, geographical spread of chemical production

42 Quality Management in the Products Design and Development Process. A.V. Melikhov, Chief Engineer, FSU, ROSTEST-Moscow, Graduate, FSAEI FPE, ASMS, Moscow, Dr. V.A. Novikov, Pro-rector, Head of Department, Quality Management, FSAEI FPE, ASMS, Moscow, Dr. Prof. Yu.P. Zubkov, Deputy Head of Chair of Quality Management, ASMS, Moscow

The principles of total quality management require changes in approach to the new products design and development. The main thing now is not just maintaining certain, though sufficiently high, quality level, but also a customer's satisfaction

Key words: competitiveness, principles of total quality management, quality management system, process approach, customer satisfaction

48 Geotechnical Monitoring Systems. Questions and Solutions. V.A. Florin, Senior Engineer, CSC JSC RPE, Etalon, Omsk

Options for temperature measurement of large objects and temperature monitoring of soils are on consideration. The influence of various factors on the choice of temperature monitoring organization is estimated, some solutions are offered

Key words: temperature monitoring, geotechnical monitoring, thermistor chain, digital temperature sensors controller, logger

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