

Methodology for Collecting, Evaluating and Selecting Innovations: Implementation Perspective

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key words

tactical and technical characteristics, results of innovative theoretical research, implementation risks

We have studied and solved the problem of selecting innovations for their further implementation in promising models of weapons, military and special equipment. At the same time, we took into account such parameters as the main tactical and technical characteristics of the samples and the influence degree of innovations on them, the sample type importance and possible risks of implementation. We suggested using the dissensual approach as a way to obtain expert assessments. We considered an example of the implementation of the proposed methodology.

References

1. Brummer V., Connoll T., Salo A. Diversity in foresight studies, *Forsayt*, 2010, no. 4(4).
2. Burkov V.N., Enaleev A.K., Stroganov V.I., Fedyanin D.N. Models and structure of management of development and implementation of innovative tools and technologies (on the example of railway transport I). The mechanisms for the selection of priority projects and allocation of resources, *Upravlenie bol'shimi sistemami: sb. tr.*, 2018, no. 74. pp. 81–107.
3. Korchak V.Yu., Reulov R.V., Stukalin S.V., Grigorieva S.A. Scientific and methodological bases of military-technical assessment of scientific and technological achievements of organizations Russian Academy of Sciences, higher school and industrial enterprises, *Vestnik Akademii voennykh nauk*, 2016, no. 2(55), pp. 15–151.
4. Lagarkov A.N., Pogosyan M.A. Fundamental and applied problems of stealth technologies, *Vestnik RAN*, 2003, no. 9, pp. 779–787.
5. Lyaskovskiy V.L., Smirnov S.S., Borisenkov I.L. Method of selection of research composition based on unified procedures, *Kompetentnost'*, 2013, no. 3(104), pp. 6–11.
6. Lyaskovskiy V.L., Smirnov S.S., Pronin A.Yu. Methodology for assessing the competence of experts in the process of forming proposals in draft program documents, *Vooruzhenie i ekonomika*, 2013, no. 3(24), pp. 54–59.
7. Lyaskovskiy V.L., Smirnov S.S., Pronin A.Yu. Selection of experts to evaluate draft policy documents, *Kompetentnost'*, 2017, no. 4(145), pp. 4–9.
8. Lyaskovskiy V.L., Smirnov S.S., Pronin A.Yu. Methodology for forming a portfolio of fundamental and exploratory research taking into account threats to the security of the Russian Federation in the military-technical sphere, *Vooruzhenie i ekonomika*, 2014, no. 3(28).
9. Pozdnyak A.Yu., Shashnov S.A. Scientific and technological priorities for the modernization of the Russian economy, *Forsayt*, 2011, no. 2(5), pp. 48–56.
10. Sarkisyan D.A., Lyaskovskiy V.L. On the issue of estimation of forecasting the potential of implementation of the results of innovative theoretical research in samples of weapons, military and special equipment, *Nauchnyy vestnik OPK Rossii*, 2019, no. 1, pp. 20–26.
11. Smirnov S.S., Reulov R.V., Stukalin S.V. Mechanisms of adaptation of technical solutions obtained by defense industry organizations, higher school and state research centers to the requirements of the Russian defense ministry, *Kompetentnost'*, 2018, no. 3(154), pp. 7–15.
12. Sokolov A.V. Foresight: a look into the future, *Forsayt*, 2007, no. 1(1).
13. Ulyakin P. Paravan-the guardian: the system struggle with the barrage balloons; <https://topwar.ru/37778-paravan-ohranitel-sistema-borby-s-aerostatami-zagrazhdeniya.html>.
14. Shashnov S.A. Foresight research methods to assess the prospects for the development of civil society and the third sector; <https://docplayer.ru/26751388-Metody-forsayt-issledovaniy-dlya-ocenki-perspektiv-razvitiya-grazhdanskogo-obshchestva-i-tretego-sektora.html>.
15. Keegan A., Boselie P. The Lack of Impact of Dissensus Inspired Analysis on Developments in the Field of Human Resource Management, *Journal of Management Studies*, 2006, no. 43(7), pp. 1491–1511.
16. Hartley J. Some thoughts on Likert-type scale, *International journal of clinical and health psychology*, 2014, Vol. 14, no. 1, pp. 83–86.
17. Podolsky A.G., Kosenko A.A. Financial and economic measures to reduce the risk of adverse events associated with the creation of military products, *Vooruzhenie i ekonomika*, 2012, no. 4(20), pp. 98–111.

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