

Maslova Irina Alekseevna,

Doctor of Economic Sciences, Professor,
 Director of the Institute of Economics and Management,
 Orel State University,
 Orel, Russian Federation.

Aetdinova Rasulya Rifkatovna,

PhD. of Pedagogical Sciences, Associate Professor,
 Associate Professor of the Department of Economics of Enterprises and Organizations,
 Kazan Federal University,
 Kazan, Russian Federation.

METHODS FOR ASSESSING THE RISKS OF UNIVERSITIES

In terms of high social uncertainties, the question of ensuring the sustainability and resilience of educational institutions is becoming relevant. Universities have the most vulnerable position due to high dependence on labor market requests and socio-economic situations. The objective factors of the risks of universities are a high cost of study, low quality of the preparation of graduates, due to the demographic situation and internal migration processes, when graduates of the challenge prefer to study in major cities. This reduces the quality of admission of students to regional universities. The article describes the analysis of various methods for assessing the risks of universities and, using one of them, to analyze the socio-economic risks of higher educational institutions. In the theoretical part of the study, the quantitative and qualitative methods of risk assessment are considered, an analysis of the possibilities of applying these methods for evaluating various types of risks in the higher education system is carried out. For several methods, settlement mathematical models have been developed for use in risk assessments that have practical significance in the development of university risk assessment mechanisms. On the basis of the expert analysis of the university's socio-economic risks, risks have been accounted for from the position of their probability of manifestation and

level of possible losses. As a result of the study, the most dangerous in terms of the consequences of the implementation of the socio-economic risks of universities: the risks of changes in budget policy in the field of education, restructuring the market of educational services, deterioration of the tax burden for universities and the growth of competition between universities. This study can give universities tools that will allow at the planning stage to identify unfavorable and pleasant factors and reduce the adverse effects of financial and managerial risks when making decisions.

Keywords: University, HEI, Risk, Risk Assessment, Risk Management, University Management

[4].

[7].

[1].

[4].

[3].

[14].

[1].

[13].

[10].

1.

2.

3.

4.

5.

(. 1).

<i>I.</i>	*
i_1	-
i_2	0,5
i_1	0,4
i_3	0,1

*

», 1; 0,5 0. « », « », «

$$K_j = 0,5i_1 + 0,4i_2 + 0,1i_3 \quad (1)$$

K_j — ; i_j —

$$K_j = (0,75; 0,8; 0,95; 0,8; 0,95; 0,75) \quad (2)$$

: 50 % — 40 , — 40 (50% 50%)
 () ,
) .
 90% .

R

R

L_i

R_i
 $p(L_i)$

[14]:

$$R_i = L_i p(L_i) \quad (3)$$

$$R = \sum R_i \quad (4)$$

L_i

$p(L_i)$ (

$p(L_i)$ (

) . , ,

L_i

(: ,

) .

(3)

$$R_i = p(L_i) \quad (5)$$

(. 2) .

2. , *

1	2	3
		, [12]. : 1. , , : $R_p = (L_p - L_R) \times P_{Ed}$ (6) R_p — , ;

1	2	3
		<p> I_p — ; I_R — ; 1 ; P_{Ed} — . 2. </p> <p> $P = 0,5 \times I_p + 0,3 \times I_g + 0,1 \times I_l + 0,1 \times I_a$ (7) P — ; I_p — SCOPUS Web of Science; I_g — ; I_l — , ; I_a — , ; </p>
		<p>[13].</p> <p>VaR.</p>
	<p>« »</p>	<p>« »:</p> <ul style="list-style-type: none"> • ; • , ; • ;

1	2	3
	« »	• , ; • ; • [8].
		(-) , . - - - , : - [3].
		, - , - - , - .

*

, -
-
:
, -
, -
, -
[6]. -
-
:« »,« »,« »,« »,« ».
:
, -
(. 3).
3,
, -
-

3.
*

		« - - » -5	« - - » -4	« - - » -3	« - - » -2	« - - » -1	
1	-	0	8	6	4	0	18
2	-	0	24	0	0	0	24
3		0	12	9	0	0	21
4	-	5	16	3	0	0	24
5		0	0	3	8	1	12
6	-	0	4	12	2	0	18
7		0	0	0	2	5	7
8	-	0	0	0	6	3	9
9.		0	0	12	4	0	16

*

« . 4). ».

4.

		« - - » -5	« - - » -4	« - - » -3	« - - » -2	« - - » -1	
1	-	15	12	0	0	0	27
2	-	0	12	6	2	0	20
3		0	16	6	0	0	22
4	-	5	20	0	0	0	25
5		5	16	3	0	0	24
6	-	0	0	9	6	0	15
7		5	10	9	0	0	24
8	-	0	0	3	6	0	9
9.		0	0	3	6	2	11

*

1. Abramova I.G. Pedagogicheskaya riskologiya / I.G. Abramova. — SPb: Obrazovaniye, 1995. — 93 s.
2. Ayetdinova R.R. Analiz i klassifikatsiya riskov tsifrovizatsii obrazovaniya / R.R. Ayetdinova // Obrazovaniye cherez vsyu zhizn': nepreryvnoye obrazovaniye v interesakh ustoychivogo razvitiya: materia-ly 17-y mezhd. konf.; otv. red. V.P. Galenko, N.A. Lobanov. — SPb: Izd-vo SPBG-EU, 2019. — S. 145–148.
3. Ayetdinova R.R. Ekzogennyye i endogennyye faktory razvitiya riskov obrazovatel'nogo uchrezhdeniya / R.R. Ayetdinova // Kazanskiy pedagogicheskiy zhurnal. — 2013. — 2. — S. 21–27.
4. Bek U. Obshchestvo riska. Na puti k drugomu modernu / U. Bek. — M.: Progress-Traditsiya, 2000. — 384 s.
5. GOST R ISO 31000:2019 Menedzhment riska. Printsipy i rukovodstvo [Elektronnyy resurs]. — Rezhim dostupa: docs.cntd.ru/document/1200170125 (data obrashcheniya: 25.02.2022).
6. Kuz'minov Y. Universitety v Rossii. Kak eto rabotayet / Y. Kuz'minov, M. Yudkevich. — M.: Izdatel'skiy dom VSH-E, 2021. — 300 s.
7. Ortega-i-Gasset Kh. Missiya universiteta / Kh. Ortega-i-Gasset. — Minsk: Izd-vo BGU, 2005. — 231 s.
8. Ortaeva A. A. Obshchestvo riska. Na puti k drugomu modernu / A. A. Ortaeva // Kazanskiy pedagogicheskiy zhurnal. — 2021. — 10. — S. 12–27.
9. Ortaeva A. A. Obshchestvo riska. Na puti k drugomu modernu / A. A. Ortaeva // Kazanskiy pedagogicheskiy zhurnal. — 2012. — 10. 2. — S. 185–196.
10. Ortaeva A. A. Obshchestvo riska. Na puti k drugomu modernu / A. A. Ortaeva // Kazanskiy pedagogicheskiy zhurnal. — 2012. — 10. 2. — S. 185–196.
11. Ortaeva A. A. Obshchestvo riska. Na puti k drugomu modernu / A. A. Ortaeva // Kazanskiy pedagogicheskiy zhurnal. — 2012. — 10. 2. — S. 185–196.
12. Ortaeva A. A. Obshchestvo riska. Na puti k drugomu modernu / A. A. Ortaeva // Kazanskiy pedagogicheskiy zhurnal. — 2012. — 10. 2. — S. 185–196.
13. Ortaeva A. A. Obshchestvo riska. Na puti k drugomu modernu / A. A. Ortaeva // Kazanskiy pedagogicheskiy zhurnal. — 2012. — 10. 2. — S. 185–196.
14. Ortaeva A. A. Obshchestvo riska. Na puti k drugomu modernu / A. A. Ortaeva // Kazanskiy pedagogicheskiy zhurnal. — 2012. — 10. 2. — S. 185–196.
15. Ortaeva A. A. Obshchestvo riska. Na puti k drugomu modernu / A. A. Ortaeva // Kazanskiy pedagogicheskiy zhurnal. — 2012. — 10. 2. — S. 185–196.
16. Ortaeva A. A. Obshchestvo riska. Na puti k drugomu modernu / A. A. Ortaeva // Kazanskiy pedagogicheskiy zhurnal. — 2012. — 10. 2. — S. 185–196.

СПИСОК ЛИТЕРАТУРЫ

1. Abramova I.G. Pedagogicheskaya riskologiya / I.G. Abramova. — SPb: Obrazovaniye, 1995. — 93 s.
2. Ayetdinova R.R. Analiz i klassifikatsiya riskov tsifrovizatsii obrazovaniya / R.R. Ayetdinova // Obrazovaniye cherez vsyu zhizn': nepreryvnoye obrazovaniye v interesakh ustoychivogo razvitiya: materia-ly 17-y mezhd. konf.; otv. red. V.P. Galenko, N.A. Lobanov. — SPb: Izd-vo SPBG-EU, 2019. — S. 145–148.
3. Ayetdinova R.R. Ekzogennyye i endogennyye faktory razvitiya riskov obrazovatel'nogo uchrezhdeniya / R.R. Ayetdinova // Kazanskiy pedagogicheskiy zhurnal. — 2013. — 2. — S. 21–27.
4. Bek U. Obshchestvo riska. Na puti k drugomu modernu / U. Bek. — M.: Progress-Traditsiya, 2000. — 384 s.
5. GOST R ISO 31000:2019 Menedzhment riska. Printsipy i rukovodstvo [Elektronnyy resurs]. — Rezhim dostupa: docs.cntd.ru/document/1200170125 (data obrashcheniya: 25.02.2022).
6. Kuz'minov Y. Universitety v Rossii. Kak eto rabotayet / Y. Kuz'minov, M. Yudkevich. — M.: Izdatel'skiy dom VSH-E, 2021. — 300 s.
7. Ortega-i-Gasset Kh. Missiya universiteta / Kh. Ortega-i-Gasset. — Minsk: Izd-vo BGU, 2005. — 231 s.

-
8. Pertseva Ye. Yu. Ustoychivoye razvitiye i upravleniye riskami / Ye. Yu. Pertseva, V. Yu. Skobarev, Ye. Ye. Telenkov // Upravleniye riskami — novyye vyzovy: Sbornik nauchno-prakticheskikh statey; Pod obshchey redaktsiyey V.V. Vereshchagina i A.A. Bykova. — M.: Delovoy ekspres, 2021. — S 18-30.
9. Plaksina I.A. Ekspertnyy analiz riskov innovatsionnoy deyatel'nosti vysshego uchebnogo za-vedeniya / I.A. Plaksina // Upravleniye ekonomicheskimi sistemami. — 2014. — 10. — S. 12–27.
10. Skobeleva I.P. Integrirovanny risk-menedzhment: innovatsionnyye modeli realizatsii / I.P. Skobeleva, N.V. Legostayeva, N.Ye. Kalashnik // Kreativnaya ekonomika. — 2012. — Tom 10. 2 — S. 185–196.
11. Stepygina G.B. Upravleniye organizatsiyami sistemy vysshego obrazovaniya regiona v usloviyakh neopredelennosti i riskov: dissertatsiya ... kandidata ekonomicheskikh nauk: 08.00.05 / G.B. Stepygina [Mesto zashchity: FGBOU VO «Voronezhskiy gosudarstvennyy universitet»], 2017. — 199 s.
12. Troshin D.V. Metodika organizatsii meropriyatiy po neytralizatsii istochnikov riskov i ugroz ekonomicheskoy bezopasnosti s ispol'zovaniyem kontseptual'noy modeli istochnikov riskov i ugroz / D.V. Troshin // Upravleniye riskami — novyye vyzovy: Sbornik nauchno-prakticheskikh statey; Pod obshchey redaktsiyey V.V. Vereshchagina i A.A. Bykova. — M.: Delovoy ekspres, 2021. — S 52–62.
13. Upravleniye riskami — novyye vyzovy: Sbornik nauchno-prakticheskikh statey / Pod obshchey re-daktsiyey V.V. Vereshchagina i A.A. Bykova. — M.: Delovoy ekspres, 2021. — 148 c.
14. Khavina A.D. Upravleniye riskami: resheniya dlya Rossii — 2016 / A.D. Khavina // Valyutnyy spekulyant — 2016. — 8. — S. 12–39.

11 2022

5 2022