REFEREE'S REVIEW

Program:	Master in Public Management
Student:	Andrei A. Ternikov
Title of thesis:	Role of geographic information systems for transport system improvement

Justification of the topic choice. Accuracy in defining the aim and objectives of the thesis. Justification of the topic choice; accuracy in defining the aim and tasks of the thesis; originality of the topic and the extent to which it was covered; alignment of the thesis' topic, aim and objectives.	**5**	4	3	2
Structure and logic of the text flow. Logic of research; full scope of the thesis; alignment of thesis' structural parts, i.e. theoretical and empirical parts.	**5**	4	3	2
Quality of analytical approach and quality of offered solution to the research objectives. Adequacy of objectives coverage; ability to formulate and convey the research problem; ability to offer options for its solution; application of the latest trends in relevant research are for the set objectives.	**5**	4	3	2
Quality of data gathering and description. Quality of selecting research tools and methods; data validity adequacy; adequacy of used data for chosen research tools and methods; completeness and relevance of the list of references.	**5**	4	3	2
Scientific aspect of the thesis. Independent scientific thinking in solving the set problem/objectives; the extent to which the student contributed to selecting and justifying the research model (conceptual and/or quantitative), developing methodology/approach to set objectives.	**5**	4	3	2
Practical/applied nature of research. Extent to which the theoretical background is related to the international or Russian managerial practice; development of applied recommendations; justification and interpretation of the empirical/applied results.	**5**	4	3	2
Quality of thesis layout. Layout fulfils the requirements of the Regulations for master thesis preparation and defense, correct layout of tables, figures, references.	**5**	4	3	2

Each item above is evaluated on the following scale, as applicable: 5 = the thesis meets all the requirements, 4 = the thesis meets almost all the requirements, 3 = a lot of the requirements are not met in the thesis, 2 = the thesis does not meet the requirements.

Additional comments:
(Please, elaborate on the above mentioned criteria (we kindly ask you to provide your comments structured as strengths and weaknesses, maximum 5 for each, unless more points are crucial to justify the grade).

1. Master dissertation «Role of geographic information systems for transport system improvement» actuality is doubtless, because entering modern information technologies in digital economy is effective governance base on all levels and provides electronic government concept development.

2. Master dissertation is structured finished study, detail reflecting logic of modern study on problem this area. Presented work theoretical aspects are lucky confirmed with realization cases.

3. The work uses actual information about current condition of geoinformation systems, used in St-Petersburg city transport management practice.

4. The work shows deep author's knowledge in studied sphere, and also creative approach to study on theme, there is private view, allowing forming actual suggestions, destined on geoinformation systems support and development improvement for city transport system management quality improvement.

5. In this study author sufficiently solves set complex economic-managerial task, which positively characterizes its professional skills in state and local governance. Practical entering elaborated transport system bottlenecks assessment criteria and methods with modern geoinformation systems data usage will provide megapolis people life quality improvement and improve socially-economic situation in region. Project conclusions and recommendations can be used for improving functioning other Russian regions taking into account their territorial specialties.

6. Also is important, that author demonstrates high study instruments and methods choice quality level in analyzing and assessing developing geoinformation systems role in transport bottlenecks prediction. Study uses St-Petersburg statistic data, correctly uses methods of mathematical modeling for region transport infrastructure development and effectiveness improvement, which improves study quality and causes got results trust.

7. Work fully fit order on master dissertation – there is all-side initial data analysis and fully elaborated set questions list.

Master thesis of Andrei A. Ternikov meets the requirements of the Master in Public management program, and according to the reviewer's opinion deserves a/an "***excellent (A / B) / good (B / C / D) / satisfactory (D / E) / unsatisfactory (F)***" grade, thus the author can be given the desired degree.

Date 25/05/2018

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