SUPERVISOR EVALUATION OF MASTER THESIS

Name of the student: Bc. Lynnette Eyram Penni

Name of master thesis supervisor: Assoc. Prof. Petr Hájek, Ph.D.

The title of the master thesis: Regional Strategic Planning using Fuzzy Cognitive Maps

The evaluation of the master thesis: (evaluation: A = the best, F = the worst/failed)

	A	B	C	D	E	F
1. Sophistication of the topic		x				
2. Formulation of objectives			x			
3. Choice of appropriate methods and methodology used			x			
4. Logical process being used, work with data and information			x			
5. Theoretical background of an author				x		
6. The structure of paragraphs and chapters			x			
7. Work with scientific literature				x		
8. Comprehensibility of the text and level of language			x			
9. Clarity and professionalism of expression in the work				x		
10. Fulfilment of objectives					x	
11. Formulation of conclusions				x		
13. **Overall evaluation of the master thesis**				x		

Other comments

The master thesis aims to develop and apply a model of regional strategic planning using fuzzy cognitive maps. First of all, I appreciate that the student proceeded to work independently. The concept of strategic planning is presented in the introduction section. In the next section, the student focuses on current approaches to regional strategic planning in Ghana. However, a more detailed theoretical background would better justify the use of fuzzy cognitive maps in this domain. The region and organization selected for the modelling is satisfactorily justified and introduced. The model development is based on interviewing an expert. Although details on this step are presented, the model development could be better arranged. The simulation of the proposed fuzzy cognitive map is performed using two scenarios in detail. The experiments also confirm the model stability, showing that it is steady and converges to fixed equilibria. The main limitation of these experiments is that the model is applied to one region only. A comparative analysis would provide more insight into the developed fuzzy cognitive map model. This also limits the discussion and policy implications, which should better fit the results.
Result of plagiarism checking: 0 similar documents, level of similarity: 0 %.
I have no questions as the student regularly attended consultations.

I recommend the thesis for defence and I propose the following grading: D.

Date: 21. 5. 2018

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