

## Thesis Reviewer's Report

Student: Grace Addo-Donkoh  
 Title: Usability evaluation of Web-based GIS applications  
 Supervisor: Komárková Jitka, prof. Ing. Ph.D.  
 Reviewer: Hub Miloslav, doc. Ing. Ph.D.  
 Reviewer's job title: associate professor

### Assessment criteria

	excellent	very good	acceptable	unacceptable	N/A
Achievement of the aims of the thesis	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of appropriate methods	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Depth of analysis (in relation to the topic)	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Structure and extent of the thesis	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of Czech and foreign sources (including references)	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal aspects (text, diagrams, charts)	<input type="checkbox"/>	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of language (style, grammar, terminology)	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Usability of the results

	high	medium	low	N/A
In theory	<input type="checkbox"/>	x	<input type="checkbox"/>	<input type="checkbox"/>
In practice	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Other comments

The aim of the thesis is to propose a suitable procedure to evaluate the usability of chosen Web-based GIS applications.

The author fulfilled the given aim. She proposed a procedure for usability evaluation and used suitable methods to fulfil the given aim. Her choice of methods is based on a literature review and multi-criteria decision-making. She included a reasonable number of participants in the evaluation. She thoroughly discusses results and recommends improvements of particular geoportals.

Many results are visualised in the form of graphs. Some of them could be presented in a more consistent form or the form of tables.

The thesis is elaborated in an expected way and form, with the necessary care. The author used suitable methods and obtained results, which are then discussed. Thereby I recommend the thesis for defence.

Last date and time of printout 21.8.2023 11:06

## Questions and suggestions for the defence

Questions for the defence:

1. Please explain which of the identified problems in usability you understand as the most critical one and why.
2. Why have you decided to compare the national geoportals and geoportals of the capital cities together?

## Overall evaluation

I **recommend** the thesis for defence.  
The proposed grade for the thesis: A

In Pardubice on 14.8.2023

Signature: Miloslav Hub, b.o.h.