

Review of Master work supervisor

Name and Surname of Student	Gordon MATT
Qualification Work Title	Changes in European landscapes. What are driving forces of the changes in European landscapes?
Name and Type of Study Programme	Regional and European Project Management / Navazující
Faculty / Department	Ekonomická fakulta / KRM
Supervisor	Lapka Miloslav, doc. PhDr. CSc.
Review author	doc. PhDr. Miloslav Lapka CSc.

Thesis evaluation

1. Logical structure of the thesis 1.0

Note: See overall comments

2. Fulfillment of objectives 2.0

Note: See overall comments

3. Methodological approach 1.5

Note: See overall comments

4. Assessment of theoretical and/or practical contribution of the thesis 1.5

Note: See overall comments

5. Handling of literature 1.0

Note: See overall comments

6. Formal aspects 1.5

Note: See overall comments

7. Student's own contribution to the studied problems 2.0

Note: See overall comments

8. Monitoring for plagiarism (result) **negative**

Conclusion

Thesis evaluation (note): **excellent**

I recommend the thesis for defence: **YES**

Questions and comments

Critical comments and overall contributions, total value of the thesis

Tutor's Review of the Master's Thesis

Driving Forces of European Landscape Change. An Analysis of the Wadden Sea Region

Author: Gordon Matt

Objectives: This master's thesis objective is to examine the landscape changes within the Wadden Sea and its driving forces. The practical part will concentrate on the changes that the landscape in this region has faced over centuries as well as on the underlying forces that drive these changes.

There are two blocks of research questions: a) Which driving forces determine landscape change in the North

Sea region around the trilateral Wadden Sea (Germany, Netherlands, Denmark) and how these have changed since the 20th century? b) How do these actions affect climate change and the energy transition, how are nature and the landscape affected and what role do humans play in this? It is too much for the Master's Thesis. In research chapters 4 and 5 driving forces are finally properly reduced on socioeconomic, political, technological, natural, and cultural) Brandt et al. (1999), Bürgi et al. (2004).

The study area is Wadden Sea - the world's largest uninterrupted system of intertidal sand and mud flats worldwide, shared by three countries (UNESCO 2019). represents the cultural landscape and maritime cultural landscape.

Based on secondary data, very near to geographical morphological approach to the cultural landscape of C.O. Sauer despite fact author does not mention this work, very good argumentation why not to use the primary local database on own sociological survey.

Study area: Wadden Sea - the world's largest uninterrupted system of intertidal sand and mud flats worldwide, shared by three countries (UNESCO 2019). represents the cultural landscape and maritime cultural landscape.

Important results are mentioned in the chapter Conclusion as regards influence of cultural landscape, needs to change the policy of agricultural practice and generalization of the changes in areas like Wadden Sea. All of them are theoretical and empirical-based on secondary data.

What is missing in not own limited local research – it is not the topic – but I would appreciate your own assessment of driving forces, your own typology in terms of for example historical changes in powering of five driving forces, etc. In this case, the global climate changes could change its position on top, seems to me. You made a great interdisciplinary research and this last spot of your own point of view is missing, all the more so because you definitely have something to say on the subject of these theses.

As regards terms analyses and following references, I appreciate good orientation in the contemporary discourse concerns landscape ecology and Landscape changes.

We are witness of carefully cited links and references

The distinction between intrinsic and extrinsic driving forces seems to be a good methodological outline for the next analyses.

The methodology is tied with theoretical bases developed on the first 20 pages.

I very much appreciate the interdisciplinary approach, not so easy to frame it on such a complicated topic.

I do not understand the formulation of objectives – 1.1, p. 2, maybe part of the sentence is missing? In terms of cultural Landscape, the grounded concept by Carl Ortwin Sauer (1925) is missing in the theses.

Based on the quality of the work as mentioned above as well as on the personal commitment and enthusiasm of the author it is my pleasure to recommend theses to defend.

Miloslav Lapka

Questions and topics for discussion before the commission

Topic:

Maybe Annex 3: Landscape Evolution and Human Impact is something that I recommended in terms of your own contribution? In this case, it should be located in results and carefully described.

Q1: 'Anthropocene' is not a fully accepted scientific term, it is more analogy, figurative expression. What is your description of the Anthropocene in the outline of your research question?

Q2: As regards local society you mentioned its low resilience nowadays. You recommended diversification, restoration, and recovery of species and habitats are necessary to improve landscape and ecosystem resilience. Can you explain more about it in terms of the successful implementation of these approaches to local society?

Date: Nov 27, 2021

Signature of supervisor