



Cartography M.Sc.

MSc Thesis TOPIC CHOICES

Name student : Manuela Londoño Jiménez

TUM matriculation nr : 03756622

First Choice (required)

Topic title : Materiality in Cartography, A First Attempt to Evaluate its Usefulness

is topic from list

is own topic - intended supervisor: Dr Franz Benjamin Mocnik

Second Choice (required)

Topic title : Transformation of scientific data into narrative maps.....

is topic from list

is own topic - intended supervisor: Dr Franz Benjamin Mocnik

Third Choice (optional)

Topic title :

is topic from list

is own topic - intended supervisor:

Notes or remarks :

1. The first topic proposal addresses the question how the concept of materiality could be integrated into the field of cartography and in which ways it can be purposefully used to influence the connection and communication between maps and map users.

First, the use of materiality (understood as the use of materials in a physical asset) in fields like art, design, and architecture will be studied. Materiality as a feature has been used to communicate a message and generate a certain reaction in the public, based on the assumption that the use of materials can carry meanings. Subsequently, possible ways of integrating materiality in the process of map making will be studied and discussed. After this, two versions of a map will be created, one using a traditional approach and another one exploring the use of materials. The process will result in a user study, with the goal of evaluating the reaction that people have towards the intentional and purposeful use of materiality in cartographic works.

Send this form **no later than January 1, 2023** to the thesis coordinator:

Barend Köbben (UT-ITC) -- b.j.kobben@utwente.nl