



Cartography M.Sc.

OWN TOPIC

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Topic title : **Design and Evaluation of a 3D Cartographic Prototype for Visualizing Urban Thermal Stress at City-Block Scale**

- is own topic - intended supervisor: [Dr. Milena Vuckovic](#) from [VRVis](#)



Notes or remarks :

For the First Choice, the idea is about the design and evaluation of a 3D cartographic prototype for visualizing urban thermal stress at city-block scale. Using precomputed thermal stress indicators (e.g., PET or UTCI) and an existing 3D city model, the prototype focuses on visual encodings and interaction techniques that support spatial and temporal exploration. The research emphasizes cartographic design and user understanding rather than thermal simulation or system scalability. For more information, please visit the following link to the slides:

https://docs.google.com/presentation/d/1_qxapMkUI7ukU2xB2ixkiQAVoQ1VzKAsjV3W2wdVn-U/edit?usp=sharing