**Proposal for Semester Project**

Patterns & Trends in Environmental Data / Computational Movement Analysis Geo 880 FS2021

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| **Stud 1 Name / Vorname /** Matrikel-Nr.  **Stud 1 Name / Vorname /** Matrikel-Nr.  **Titel** | Which option do you choose:   * Option A: Wild boar data * Find nesting sites * Alternative movement patterns * Wildschweinschreck * Option B: Free choice of topic |

**Abstract** (50-60 words)

What are the **research questions** of your project?

(50-60 words)

Which **results/products** do you expect, anticipate?

What **data** will you use? Will you require additional context data? Where do you get this data from? Do you already have all the data?

Which **analytical concepts** will you use? What conceptual movement spaces and respective modelling approaches of trajectories will you be using? What additional spatial analysis methods will you be using?

Which R **concepts, functions, packages** will you mainly use. What additional spatial analysis **methods** will you be using?

**Risk analysis**: What could be the biggest challenges/problems you might face? What is your plan B?

Which **questions** would you like to discuss at the coaching session?