**Pitch**

**Title**

Accessibility and biodiversity

Human developments impact on biodiversity

Human dev vs biodiversity – a farce of a fight?

Connectivity - essential for humans, extinctive for animals?

Presence of humans

**The hook**

Importance BD ecosystem services? Biodiversity declining rapidly. Land use change one of main issues. Urbanisation share. Different theories BD: intermittent disturbance theory etc. How is BD affected by humans worldwide?

Growing population

Habitat loss as main driver

Alteration vs loss BD

Unknown species

Importance of accessibility

**Knowledge gap**

With presence of remote sensing techniques it is possibly to scale biodiversity and accessibility globally and observe trends resulting from that. Depending on scales?

Accessibility opposing to urbanisation etc (accessibility important, because schools, medical care etc)

**Research questions and Predictions**

1. How does accessibility affect biodiversity?
2. Does accessibility to cities have a negative effect on biodiversity
   1. Hypothesis: Accessibility is linked to land use change. Land use change reduces biodiversity.
      1. Prediction: The higher the accessibility score the lower the biodiversity index.

Open questions:

* What kind of biodiversity – compositional vs richness etc
* Trend over what time frame (for BD)
* What species?
* How to exclude the different biomes and their suitability for human use? Eg low biodiversity areas might not be inhabitable -> have low accessisbility index
* How to include time aspect in title? Measuring BD over time