



Who gets daylight?

Inequalities in access to biologically relevant daytime light.

Tübingen / Munich / Remote · English · Master's thesis · Research internship · Erasmus+ research placement

The question

Access to daytime light depends on more than personal choice. How do housing, work and neighbourhood environments shape opportunities for light exposure, and how might those opportunities be unequally distributed?

The project

Study daylight access as an environmental and social question. A focused project could connect evidence about light exposure with spatial data, environmental characteristics or accounts of everyday routines. Available data will determine which inequalities can be examined responsibly.

What you will do

- Review how daylight access and biologically relevant exposure are measured or represented.
- Develop a reproducible analysis of a defined dataset or an evidence-based assessment of one setting.
- Evaluate proxy measures, uncertainty and the limits of claims about individual exposure.

Possible scope

A thesis could develop a spatial or social analysis. A shorter placement could assess data sources or a bounded measurement question. Geography, public health, architecture and quantitative social science are useful starting points.

Suitable backgrounds

Geography · Public health · Sociology · Architecture · Epidemiology · Data science

General expectations

You should be able to analyse data in R or Python, use Git and GitHub, and work reproducibly. Independent reading, careful documentation and increasing responsibility are expected. Previous sleep or circadian research experience is not generally required.

Funding

No salary or stipend from the research group unless explicitly stated. Master's theses are generally unpaid. Mention external funding or mobility programmes when applying.

Suggested backgrounds are not formal programme approval. Confirm requirements with your home institution.

How to apply

Send a short motivation, CV, relevant skills, preferred project, dates, format and location. Mention external funding. Contact Prof. Manuel Spitschan using the address below.

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