

# Student Assistant (HiWi) Position (12h/week) – Urban Soils Research



## About the Project

This research explores how different soil surface management types (such as vegetation, grass, gravel, and exposed soil) affect soil functions in urban green spaces. By measuring key soil properties like water infiltration, retention, compaction, moisture, and carbon content, the project aims to understand how urban soils contribute to ecosystem services. Fieldwork is conducted across Munich, focusing on tree pits and adjacent green areas. Measurements are carried out both on-site and in the lab to support improved soil and tree management strategies in cities.

## Your Role

You will support soil sampling and field measurements for ongoing research. Tasks include:

- Assisting with the **collection of soil samples** in tree pits and green areas in Munich and Freising
- Supporting in **in situ measurements** (e.g., soil infiltration, compaction, moisture)

## Duration and Working Hours

Starting in September 2025 (or as early as possible) until the end of October 2025, with a possibility of extension. Working time is 12 hours per week, flexibly distributed over 2–3 days.

## Requirements

- **Availability** from September to October 2025, with flexibility in working hours
- Interest in **fieldwork, urban soils, soil science**, or related fields
- **Experience with soil sampling and lab work** is a plus - enthusiasm to learn is equally appreciated
- Reliability, teamwork, and attention to detail

## How to Apply

Please send a short email expressing your interest, including a brief motivation statement, your CV, preferred weekly hours, and any relevant experience (especially fieldwork or soil-related work) to [samantha.spinoso-sosa@tum.de](mailto:samantha.spinoso-sosa@tum.de) by **08/08/2025**.

