The Land Economics Group of Prof. Dr. David Wuepper at University of Bonn

is inviting applications for a

Student Assistant (f/m/d) (Geo-Spatial Data)

We are looking for a Master student enrolled at a German University, working up to 8 hours per week.

Work Description: - Preparation and preliminary assessment of large geospatial datasets for various themes related to land degradation and restoration, using modern state-of-the-art software suites and high-performance computational environments.

Your profile: - Enrolled as a student (Master) at a German University; - Strong interest in exploring various geospatial datasets under various themes and their in-depth characteristics/metadata; - Theoretical and some practical knowledge in using Google Earth Engine, especially for image data processing and extraction/export; - At least beginner-level experience with scripting language(s) such as R (preferably tidyverse packages) or/and Python (such as pandas and numpy libraries); - Strong interest in working with the geospatial libraries/packages such as raster, terra, sf, etc. in R and/or rasterio, xarray, geopandas etc. in Python; - Working knowledge of English

What we offer: - Integration in high-profile, high-impact, interdisciplinary research projects, contributing towards evidence-based policy recommendations to tackle global land degradation; - Training/mentorship - Flexible working hours; - Possibility of combining the Student Assistant position with a master thesis project

We look forward to receiving a max.1-page cover letter (that includes your motivation for the position, relevant courses you took, and key skills) as well as your CV via email to: h.hadi@ilr.uni-bonn.de