Three-year postdoctoral fellowship in drone-based observation of vegetation, land cover, and land use in the seasonally arid tropics, Augsburg University, Bavaria, Germany

The Department of Geography, Augsburg University, Germany offers:

A fully funded three-year postdoctoral fellowship

To take a leadership role in a research project entitled “Feedbacks between land cover, people, and climate in the seasonally arid tropics” supported by the German Academic Exchange Service’s Make Our Planet Great Again - German research Initiative.

You will be responsible for establishing a UAV-based LiDAR platform and using this system to observe land cover, vegetation structure, and land use in the project study areas of central India and West Africa. Your tasks will include partial supervision of a technician and Ph.D. students. You will have further opportunities for professional development, including participation in international conferences and workshops, and supervision of bachelor- and master-level research assistants, and teaching.

The ideal candidate will have demonstrated a high degree of autonomy in their previous work experience, including the ability to plan and execute field research. You should be creative and capable of working in settings that are sometimes unpredictable and unstructured. A desire to work in the tropics and engage with local stakeholders is essential, as is excellent command of spoken and written English. Experience working with LiDAR data to recover vegetation properties including canopy height, density, and biomass are highly desirable.

For further information, please contact Prof. Jed O. Kaplan (jed.kaplan@geo.uni-augsburg.de) or see this link: