The University of Vienna seeks to fill the position of a

University Assistant (prae doc) - fully funded PhD Position
Vienna International School of Earth and Space Sciences
Department of Geography and Regional Research

Understanding the environmental impact on migration through the use of longitudinal data

Project outline: Environmental change and migration are the two major challenges of our time. While there is general agreement in the scientific community that environmental change has the potential to significantly impact migration patterns, the evidence of migration occurring directly as a consequence of environmental change is limited. The PhD project seeks to decipher the impact of the environmental change on migration. It addresses the environment-migration nexus on a meso-scale by utilizing long-term migration information from the HDSS demographic surveillance system and combine it with environmental data in order to understand **the spatial and temporal dynamics of the nexus.**

PhD Supervisors: Patrick Sakdapolrak (Department of Geography and Regional Research) in collaboration with **Benjamin Sultan** (Institute of Research for Development (IRD), Marseille, France)

Expected starting date: 03.2021 | **Duration of employment:** 4 year/s | **Extent of Employment:** 30 hours/week

Job Description

- Development and completion of a paper-based dissertation on an innovative topic related to the integration of social and environmental data: "Understanding the environmental impact on migration through the use of longitudinal data"
- Participation in scientific studies, research projects and other academic activities
- Participation in the preparation of research proposals and acquisition of third-party funding
- Planning and implementation of teaching courses, supervision of students (holding classes due to extent regulations of wage agreement)
- Integration into the working group, implementation of administrative tasks and science communication

Profile

- University master degree in Geography or a related discipline, such as Demography, Sociology, Social Anthropology
- Background in population geography or demography, migration research, development studies or human-environment research
- Good knowledge of social science research methods
- Good knowledge in statistical data analysis with understanding of a statistical programming language such as R or Python
- Experience with spatial data sets is an asset
- Experience in conducting empirical research is an asset (e.g. in the course of the master's thesis)
- Very good command of written and spoken English
- Ability to work in a team
- Teaching experience is an advantage

Application form: https://visess.univie.ac.at/how-to-apply/

Deadline: 15 November 2020

For more information please contact Patrick Sakdapolrak, patrick.sakdapolrak@univie.ac.at

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Vienna International School
of Earth and Space Sciences
visess.univie.ac.at

Department of Geography
and Regional Research
geographie.univie.ac.at

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population.univie.ac.at