

With more than 6,300 employees in research, teaching and administration and its unique profile, TU Dortmund University shapes prospects for the future: The cooperation between engineering and natural sciences as well as social and cultural studies promotes both technological innovations and progress in knowledge and methodology. And it is not only the more than 34,500 students who benefit from that.

The Spatial Modelling Lab (RAM) at the Faculty of Spatial Planning at TU Dortmund University invites applications for a fixed term position as

**PhD Student / Research Assistant (m/f/d)**

which is to be filled for an initial period of 3 years. The duration of the post will be adapted to the aspired qualification target. The salary follows the regulations of the collective bargaining law in salary class 13 TV-L or, if applicable, by transitional law (TVÜ-L). This is a part-time position (50%) offering the possibility of obtaining further academic qualifications.

**Profile:**

- above-average university degree in spatial planning, geoinformatics, (human) geography, sociology, psychology, philosophy (the latter preferably in combination with geographical expertise) or cognate disciplines,
- a good understanding of the geographical concept of place ("Place" as opposed to "Space"), ideally with a thesis completed on this or a related topic),
- previous knowledge of formal and/or quantitative methods (e.g. spatial analysis, GIS methods, logic) and of common GIS software (ArcGIS, QGIS, spatial R-packages) is desirable, but not mandatory,
- interest in the development and implementation of a conceptually and methodologically oriented doctoral project with a close relationship to the objectives of the lab at the intersection of spatial planning, geoinformatics, human geography and statistics
- proactiveness and good proficiency in the English language as well as being a team player and communicator are desired.

**Responsibilities:**

The Spatial Modelling Lab (RAM) deals with methodological basic research in the fields of geographic information science and quantitative spatial analysis. The focus is on spatial statistical approaches, but the work of the department is not exclusively limited to this aspect. In addition to methodological research, its application and transfer to geographical and spatial planning issues are also of interest.

Your main task in the position to be filled will be the conception and execution of independent conceptual and methodological research at the nexus of human geography and geographical information science. The topic of your doctorate is not tied to any specific third-party funded project but should, however, be in the context of the topics "place based GIS" and

"representation of subjective, lived places". The research work outlined includes publication in international peer-reviewed journals and at conferences. The latter requires a general willingness to travel nationally and internationally. In addition, assistance in the organisation and implementation of teaching courses (2 SWS).

**We offer you:**

- the possibility of scientific qualification through a doctorate in spatial planning (this is also explicitly desired),
- an internationally oriented and networked, interdisciplinary environment with excellent research conditions,
- an interesting and varied field of activity.

We explicitly note that applications of severely disabled persons are welcome.

Applications enclosing the usual documents (motivation statement, CV, copies of your BA/MA degrees or transcripts where applicable, names and contact information of 2 referees if possible) should be sent until **10 December 2019** stating the reference number **w80-19** to:

**Technische Universität Dortmund**  
**Herrn Jun.Prof Dr. René Westerholt**  
**FG Raumbezogene Modellierung (RAM)**  
**Fakultät Raumplanung**  
**44221 Dortmund**

For further information please do not hesitate to contact:

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Dortmund, 13 November 2019