

## **Open doctoral research assistant position: Visual analytics of mobile behaviour data in digital cities**

The research group «Geovisual analytics and digital transformation» as part of the Department of Geography at University of Zurich (UZH) invites applications for a doctoral research position. The PhD project is embedded in the larger context of the UZH Digital Society Initiative and aims at understanding mobility patterns and geographic information usage behaviour in varying mobile decision-making contexts from a digital transformation perspective.

We are looking for an intrinsically motivated researcher with a strong research-oriented background and motivation for fundamental research who will work effectively as well as efficiently on her/his PhD research project. The applicant brings an interest in attaining a deeper understanding of geographic research questions. The PhD position will have a focus on spatial analytics and visual analytics methods for studying the impact of digitalisation on urban mobility behaviour and on mobile geographic information usage in smart, data-driven cities.

Required is a MSc degree (including a completed MSc thesis) in Geography or a closely related discipline (e.g., Geomatics, Cognitive Science, Computer Science, Data Science).

Preferably, the applicant has knowledge and methodological skills in GIScience and geographic information visualization/geovisual analytics, spatial cognition, and empirical research. A strong background in quantitative data analysis, statistics (R) and programming (Python) would be an asset.

A good command of written and spoken English is indispensable. Although not essential, knowledge of German would be an advantage. Applications from women and under-represented groups are especially encouraged.

The successful candidate will be hired on a 1-year contract (starting April 1, 2020, or soon thereafter), which will be extended to the nominal 4-year PhD period after positive evaluation.

For informal thematic inquiries about the position, please contact:

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More information regarding the team and the Digital Society Initiative can also be found on the following websites:

<https://www.geo.uzh.ch/en/units/giva.html>

<https://www.geo.uzh.ch/en/research/Tumasch-Reichenbacher.html>

<https://www.dsi.uzh.ch/en/>

Applications must include a motivation letter, a CV, transcripts, and the contact information of two referees. Review of applications will begin in March 2020 and will continue until the position is filled.

**Please apply online:** <https://apply.mnf.uzh.ch/position/3997698>