



# Scientific Assistant in Engineering Geodesy

80%-100%, ETH Zürich, fixed-term

At the **professorship of Geosensors and Engineering Geodesy (GSEG)** at ETH Zürich we carry out cutting-edge research and teaching in the areas of geomonitoring, reality capture, high precision surveying, and geodetic data processing. We look forward to strengthening our team with a colleague who contributes to our research and teaching, and is interested in gaining more experience and expanding skills in one or more of our focus areas. Ideally, this colleague will work on **terrestrial laser scanning** and total station measurements for **highly accurate reality capture and deformation monitoring**, or on better understanding and mitigating refraction effects on such measurements. A different focus within the above areas, as well as a combination of the position with **doctoral studies can be negotiated**.

## Your tasks will comprise:

- Research (aprx. 70%): You will carry out experiments, complement them with numerical simulations and theoretical analyses. You will collaborate with other members of the professorship as well as with partners in industry, research institutions and academia.
- Teaching (aprx. 20%): You will support the professorship in teaching for areas related to your own research, experience and educational background.
- Services (aprx. 10%): A small part of your time will be devoted to contributions beyond research and teaching. Depending on your skills and interests, we will jointly agree on your areas of responsibility.

## Your Profile:

You have completed your MSc studies in geodesy, surveying, geomatics or similar field at a Technical University, University of Applied Science or other academic institution or are just about to complete. You know geodetic standard instruments, are curious and reliable. You would like to gain experience at the interface between industry and academia, work in an interdisciplinary and international team, and are looking forward to a position with a great variety of tasks and lots of opportunities for learning. You have very good language skills in at least one of German and English and are willing to reach a sufficient level in the other one while working with us.

## We offer:

You will have the opportunity to collaborate and further develop skills and experience within an international, dynamic, highly motivated and helpful team of colleagues for initially up to 3 years (extension possible). You will have access to the outstanding infrastructure, continuing education opportunities, and collaboration opportunities at ETH Zürich. You will conduct experiments indoors and outdoors, including in alpine environment. If you wish, you may combine the position with doctoral studies. You will live and work in a place with outstanding quality of life.



## Interested?

Check out the full job announcement at <https://u.ethz.ch/y9FyK> and apply online using the link therein!