**Universität
Zürich**<sup>UZH</sup>

**Faculty of Science**

The Faculty of Science at the University of Zurich invites applications for an

**Associate or Full Professor in Data Science for Sciences**

to join us.

Through her/his research activities in the Institute for Computational Science on the Irchel Campus, the successful candidate should demonstrate the benefits of data science and modern data analytics for Sciences, with a preference in Earth, Space and/or Environmental Sciences.
Her/his expertise in data science could cover for instance: computer science, machine learning, optimization, signal processing, advanced statistics.
Her/his research applications could be for instance: satellite remote sensing, atmospheric science, oceanography, hydrology, glaciology, planetary science, ecology and evolution.
Her/his activities at the Institute for Computational Science should in particular help demonstrating how open-source scientific software, data digitalization or new collaborative approaches (e.g. hackathon, data challenges) contribute to a successful interdisciplinary research.

Candidates for this data science position should be either
- an outstanding domain scientist with a proven track record in developing computational methods and applying modern data analytics in her/his field;
- or an outstanding data scientist with a proven track record in the proposed fields of application and a strong motivation for advancing knowledge in Earth, Space and/or Environmental Sciences.

The University of Zurich provides generous research support, including dedicated funds for personnel, running expenses and competitive start-up packages, as well as access to world class supercomputers and storage capacities. As Zurich's scientific environment includes a rich spectrum of research activities and provides extensive opportunities for collaboration with research groups at the University of Zurich and other leading Swiss research institutions.

The employment conditions for this position follow the legal regulations of the University of Zurich (see www.prof.uzh.ch/de.html), which include part-time options. The University of Zurich is an equal opportunities employer and in particular strives to increase the percentage of women in leading positions (see https://www.mnf.uzh.ch/en/mnf-gleichstellung.html). Therefore, qualified female researchers are particularly encouraged to apply. The city of Zurich combines a stimulating cultural scene in a modern European city with easy access to a beautiful natural landscape.

Academics with the appropriate qualifications are kindly invited to submit their applications including:

- a curriculum vitae
- lists of publications and research funding,
- detailed outlines of concepts for teaching and research
- vision for data science and its application to natural sciences

- names and contact details of three referees

Please address your application to Prof. Roland Sigel, Dean of the Faculty of Science. Upload your application files to http://www.mnf.uzh.ch/dss by 1 March 2019.

For further information, please contact Prof. Romain Teyssier at romain.teyssier@uzh.ch.