The EPFL School of Architecture, Civil and Environmental Engineering (ENAC) invites applications for a faculty position in its Institute of Environmental Engineering (IIE), either at the tenure track level (Assistant Professor) or the tenured level (Associate or Full Professor). The appointee will join the newly formed EPFL Centre for Changing Alpine and Polar Environments (CAPE), based in Sion, Switzerland, and contribute to research and teaching activities within IIE. This appointment is one of several CAPE professorships, and offers unrivalled collaboration opportunities at the local and European levels.

Analogously to the early days of computational biology, computational environmental sciences and engineering are now on the rise. The role of computation in understanding changing environments is pervasive, being central to, for example, process-based models, design of sensor networks, and big data analysis and visualization. The research vision of CAPE includes developing understanding of connections between models across scales, from global earth system simulation to small-scale ecosystem functioning. The appointee will investigate multiscale analysis of environmental systems found at high latitudes or high elevations. Research foci of interest include, but are not limited to, development of multiscale models linked with widespread environmental data, sensor networks, biogeochemical fluxes across scales, hydrological and ecological networks, and data-driven environmental system modelling.

We seek an outstanding individual who will lead an internationally recognized research program that extends and leverages the opportunities offered by CAPE/EPFL. The professor will be committed to excellence in research and in undergraduate and graduate level teaching, and will contribute to the teaching program in Environmental Engineering at EPFL, which views basic and translational research as the foundation for environmental adaption and engineering design.

With its main campus located in Lausanne and its developing antennae in neighbouring cantons in Switzerland, EPFL is a growing and well-funded institution fostering excellence and diversity. It is well equipped with experimental and computational infrastructure, and offers a fertile environment for research collaboration between different disciplines. The EPFL environment is multilingual and multicultural, with English serving as a common interface. EPFL offers internationally competitive start-up resources, salaries, and benefits. It is committed to increasing the diversity of its faculty, and strongly encourages women to apply.

The following documents are requested in PDF format: cover letter including a statement of motivation, curriculum vitae including explicit mention of career breaks, publications list, concise statements of research and teaching interests (3-5 pages) as well as the names and addresses, including emails, of at least three references for junior positions or five references for senior positions (may be contacted at a later stage). Applications should be uploaded to the EPFL recruitment web site:

https://facultyrecruiting.epfl.ch/position/10977282

Formal evaluation of the applications will begin on September 1, 2018 and the search will continue until the position is filled.

Further enquiries should be made to:
Prof. D. Andrew Barry
Chair of the Search Committee
E-mail: searchenvironmental@epfl.ch


EPFL is an equal opportunity employer and a family friendly university.