

The research group “Climate and Water Cycle” led by Prof. Christoph Schär (<http://www.iac.ethz.ch/groups/schaer>) at ETH Zürich is offering

Three month research assistant position in climate data post-processing

The aim of our research is to better understand the role of the water cycle in a changing climate, and to improve the predictive power of climate models. The group is using a hierarchy of models including regional climate models. Much of the research is linked to ongoing international and national initiatives (e.g. EURO-CORDEX <http://wcrp-cordex.ipsl.jussieu.fr>, crCLIM <http://www.c2sm.ethz.ch/research/crCLIM>). The model simulations that are performed in coordinated projects need to be standardized and uploaded to an archive for a worldwide distribution (typically an Earth System Grid Federation node). This research position contributes in developing such a tool, where the candidate will work on a program that already has been partly developed by scientist at several institutions in Europe. The tool is written in Python and it uses different operators to work with climate data files in NetCDF format (e.g. CDO and NCO). The work involves code development and documentation of the tool.

We are looking for an independent, result-oriented student, either at the end of his/her Bachelor or in or at the end of the Master program. The candidate can have a background in an education in atmospheric or climate sciences or a related discipline (e.g. environmental sciences, physics, computational sciences), but it is required that the candidate has a thorough experience in programming, with strong knowledge in the programming language Python. Proficient writing skills in English, and good communication skills are also required. We offer an attractive research environment at a leading climate research institute, excellent infrastructure, interesting activities in a young and ambitious research team, and a friendly working atmosphere. The ideal starting date for this position is June/July 2017, and the position is planned for 2 months, but can in principle be extended. For further information, please contact Dr. Silje Soerland silje.soerland@env.ethz.ch.

Please submit your application online including a cover letter explaining your motivation, a CV, transcripts of academic records, names and contact details of one reference (as PDF files) with attention to ETH Zurich, Mr Olivier Meyrat, Human Resources (note that there is no need to fill in all the information on the web form, provided you include a CV). The evaluation of applications will start on June 15 and proceed until the position is filled.

Applications via e-mail cannot be considered!