UNIVERSITY OF GOTHENBURG

A scholarship for 5 months to study changes in planetary boundary layer over the Third Pole within the framework of the international research program TPE

October 9th, 2020

With a total area of over 5 million km2 and an average elevation of 4000 m, the Tibetan Plateau and surrounding regions (e.g., the Himalayas) contain the largest store of ice outside the Arctic and Antarctic and is widely regarded as Earth's Third Pole (TP), third in glacier mass only to the Arctic and the Antarctic.

In 2009 three world-renowned scientists, Professors Tandong Yao, Director of the Institute of Tibetan Plateau Research, Chinese Academy of Sciences, Lonnie G. Thompson, Distinguished University Professor at The Ohio State University and Volker Mosbrugger, Director of the Senckenberg Society for Nature Research established an international research program called the Third Pole Environment (TPE). The purpose of the program is to promote international research on climate and environmental changes across the TP. To date hundreds of scientists from over twenty nations have been involved in the development of the TPE Program, which capitalizes on the physical, biological, and political advantages of countries within the TPE region and the scientific and technological assets of European and American research institutes.

In 2018, the TPE Program has signed a MoU with the Department of Earth Sciences at the University of Gothenburg to offer scholarship to students from anywhere in the world to carry out studies which are relevant to the goals of TPE.

Now we have such a scholarship for 5 months for a student with a master degree to conduct a study on changes in planetary boundary layer over the TP in the past decades. If interested, you are invited to send an application for the scholarship to Prof. Deliang Chen (deadline: October 19th, 2020) by sending him your CV and a cover letter to deliang@gvc.gu.se. The successful candidate is expected to be familiar with the subject, and has skills in processing ER5 reanalysis with Matlab and/or R.

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