



Post Doc Opportunity on Himalayas

The Pollination Ecology Lab of the Kunming Institute of Botany (Kunming, Yunnan), Chinese Academy of Sciences is offering ONE, 3-year post doc position within the CliPS_CN "Climate Change and its effect on Pollination Services in China" project as funded by the Chinese Academy of Sciences.

Project description

This project is expected to parallel with the global efforts of CliPS led by Dr. Nico Vereecken and other international colleagues. The Chinese CliPS project (CliPS_CN) will focus on pollinators and their interactions with sub-alpine and alpine flora in eastern Himalayas and other mountains of SW China. These regions harbor the highest diversity of temperate flora and anthophilus insects in the world. In particular, China harbors half the world's bumblebee species. CliPS_CN will model interactions between pollinators and wild plants along environmental/ecological gradients under the global change/warming scenario. A plot based, multi-summit approach will be applied to sample pollinator diversity and their interactions with endemic flora. Data gathered from field and further lab work, including barcoding/genomic analysis, will be analyzed using ecological network analyses, species distribution modeling, and other methods.

Your tasks:

Successful candidate will perform fieldwork with KIB students on the targeted mountain regions. This will include gathering inventories of plants and native bees (including bumblebees), interacting data, and trait measurements, insect identification, pollen load analyses (lab microscopy/DNA barcoding), data analyses and writing manuscripts.

Your profile:

- PhD degree in Ecology, Entomology, Biology, Genomics, Pollination Biology or a related field
- Interest in community ecology, plant-pollination interaction, ecological networks
- Able to design experiments, communicate well and collaborate with your team
- Advanced knowledge of statistical analyses on networks using R, or other related statistics
- Willingness to live in a high elevation area (3300M) for one-two months a year
- Ability to do field work at elevations from 3000-4000M (no elevation sickness).
- Proficiency in scientific English, spoken and writing
- Respect for the cultures and religion of local, minority people

KIB and our lab will pay 14 000 Yuan (RMB) per month (before tax). Annual salary is 168 000 (average salary in Kunming is about 6000 Yuan per month). The KIB and our lab will provide bonus salaries for high quality performances (such as publications in important journals) at the end of year. Candidates can also apply for additional funding resources in China for the post doc project, i.e. PIFI of Chinese Academy of Sciences.

PIFI link: <http://english.cas.cn/cooperation/fellowships/201503/P020180904601127117142.jpg>.

Successful candidate will work with Dr. Zong-Xin Ren and Prof. Hong Wang and other Masters degree and PhD students. This position is no deadline until the successful candidate is awarded.

Please contact with Drs. Zong-Xin Ren (renzongxin@mail.kib.ac.cn) and Hong Wang (wanghong@mail.kib.ac.cn). Don't hesitate to write us for more information.