



**Post-doctoral Fellow in Vegetation Photosynthesis Modeling
in the School of Biological Sciences
(Ref.: 201801385)**

Applications are invited for appointment as **Post-doctoral Fellow in Vegetation Photosynthesis Modeling in the School of Biological Sciences**, to commence on **January 15, 2019** or as soon as possible thereafter for one year, with possibility of renewal, subject to satisfactory performance and funding availability.

Applicants should have a Ph.D. in Earth and Atmospheric Sciences, Biological and Environmental Sciences, Physics, Mathematics, or a closely related field. Experience in field ecology, physiology ecology measurements (e.g. photosynthesis, sap flow, hydraulics and eddy covariance), and photosynthesis modeling is preferred. Applicants should be fluent in written and spoken English, and have strong quantitative and programming skills (e.g. Python, R, C, or Matlab).

The appointee will work on vegetation photosynthesis modeling, from leaf to regional scales. He/She will participate in field observations on leaf level function, and help develop process-based, transparent modeling approaches to scale up leaf-level physiological understanding to canopy and ecosystem scales. He/She will also lead the field campaigns, conduct the modeling experiment and analysis, and prepare peer-reviewed publications. He/She will work with Dr. Jin Wu and a strong collaborative team with broad expertise in field ecology, plant physiology ecology, ecosystem modeling, eddy covariance techniques, satellite remote sensing, and high-performance computing. For further information, please contact Dr. Jin Wu (email: jinwu@hku.hk), or visit <https://wu-jin.weebly.com>.

A highly competitive salary commensurate with qualification and experience will be offered, in addition to annual leave and medical benefits.

Applicants should send a completed application form together with an up-to-date C.V., a cover letter, and contact information of three references via email to Dr. Jin Wu at jinwu@hku.hk. Application form (341/1111) can be downloaded at <http://www.hr.hku.hk/apptunit/form-ext.doc>. Further particulars can be obtained at <http://jobs.hku.hk/jd.php?id=201801385>. Review of applications will start as soon as possible and continue until **December 1, 2018**, or until the post is filled, whichever is earlier.

The University thanks applicants for their interest, but advises that only candidates shortlisted for interviews will be notified of the application result.

*The University is an equal opportunities employer and
is committed to equality, ethics, inclusivity, diversity and transparency*