



香 港 大 學

THE UNIVERSITY OF HONG KONG

**Post-doctoral Fellow in Remote Sensing of Plant Ecology
in the School of Biological Sciences
(Ref.: 201801387)**

Applications are invited for appointment as **Post-doctoral Fellow in Remote Sensing of Plant Ecology 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, Remote Sensing, or a closely related field. They should be fluent in written and spoken English. Research background in process-based modeling, vegetation spectroscopy, satellite remote sensing and data fusion is highly preferred. Strong quantitative and programming skills (e.g. Python, R, C, or Matlab) and prior experience in supercomputing, big data analytical systems, or google earth engine are essential as the appointee will deal with a large amount of remote sensing data.

The appointee will work on developing novel remote sensing technology to advance plant ecology study across various spatial and temporal scales. He/She will develop algorithms to assimilate multi-scale, multi-source remote sensing observations to enable accurate monitoring of plant chemistry, phenology, physiology and diversity in tropical forest ecosystems (primarily), and temperate and other ecosystems (optionally); and explore the proximate/ultimate controls of these remotely sensed patterns over large spatial and temporal scales. He/She will also conduct the data analysis and prepare peer-reviewed publications. He/She will work with Dr. Jin Wu and a strong collaborative team with broad expertise in satellite remote sensing, vegetation spectroscopy, plant physiology ecology, earth system modeling 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=201801387>. 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*