



Post-Doctoral Position in Remote Sensing and Machine Learning Applications for Agriculture and Food Security

The University of Maryland Center on Global Agricultural Monitoring Research is seeking an outstanding Post-doctoral fellow with a strong interest in machine learning and agriculture to join a diverse team working on satellite applications for agricultural monitoring and food security, within the framework of the NASA HARVEST Consortium, led by UMD. HARVEST is a 5 year initiative focused on advancing the use of earth observations applications for food security and agricultural markets, with a diverse set of over 40 national and international partners (<http://www.nasaharvest.org>).

A successful applicant should hold a PhD in remote sensing, computer sciences, agricultural sciences, physics, mathematics or related fields. A strong programming background (especially Python, R, IDL or C++) and an interest in agriculture and food security research and applications is desired and experience with working on the Google Earth Engine is a plus. The successful candidate will work with a range of satellite data including MODIS, Landsat, Sentinel-1, Sentinel-2 as well as ground collected data and agro-meteorological data to conduct research related to crop condition, yield and area estimation at field to global scales. The candidate will be expected to work well within a diverse team and to design and lead projects that will contribute to the overall aim of the HARVEST Consortium as well as work on ongoing activities.

University of Maryland is an equal opportunity employer.

Interested candidates should send a CV, short cover letter (1page) expressing your motivation to apply, and contact information for three references online via <https://ejobs.umd.edu/postings/66737> . For best consideration applications should be submitted by February 15, 2019. Please submit your application as soon as possible. The position will be filled as soon as possible. For more information please contact: Inbal Becker-Reshef at ireshef@umd.edu.