Curriculum Vitae

Personal Information

Last Name: Li
First Name: Shaopeng
Date of Birth: October 7, 1996
Nationality: China
Tel: +41 762134016
Email: shaopeng.li@unibe.ch

Education

Ph.D. (2022.10- present)   Climate Sciences, University of Bern, Switzerland (PhD thesis: Albedo coupling with vegetation dynamics of the Northern Hemisphere (1978 – 2023))

M.S. (2019.09-2022.06)   Photogrammetry and Remote Sensing, Beijing Normal University, China (Master thesis: Studies on direct estimation of the all-sky daily net radiation over land surface at mid-low latitudes based on MODIS Top-of-Atmosphere observations)

B.E. (2015.09-2019.06)   Surveying and Mapping engineering, HeBei University of Technology, China (Bachelor thesis: Monitoring of ecological environment evolution in Horqin area based on MODIS EVI time series)

Selected publications

[1] **Li, S.**, B. Jiang, et al. Estimation of surface net radiation from MODIS data using deep residual neural network based on limited samples. (under review)

[2] **Li, S.**, B. Jiang, S. Liang, J. Peng, H. Liang, J. Han, X. Yin, Y. Yao, X. Zhang, J. Cheng, X. Zhao, Q. Liu and K. Jia (2022). "Evaluation of nine machine learning methods for estimating daily land surface radiation budget from MODIS satellite data." International Journal of Digital Earth 15(1): 1784-1816.

[3] **Li, S.**, B. Jiang, J. Peng, H. Liang, J. Han, Y. Yao, X. Zhang, J. Cheng, X. Zhao, Q. Liu and K. Jia (2022) "Estimation of the All-Wave All-Sky Land Surface Daily Net Radiation at Mid-Low Latitudes from MODIS Data Based on ERA5 Constraints." Remote Sensing 14(1): 33.

Software copyright

- Global LAnd Surface Satellite Net Radiation Calculation Software V1.0.

Internship

- Computer vision algorithms intern, Starsee, Beijing, China, 2022.04

- Geospatial data processor, Binhai New Area Archives, Tianjin, China, 2019.05

Hobbies

Photography, latte art, hiking, guitar, basketball