Haijun Li

PhD Candidate, Department of Geographical Sciences,
University of Maryland, College Park, MD, 20737, USA
Tel: (806)-730-8317; E-mail: haijunli@umd.edu

Education

Doctor of Philosophy in Geographical Sciences, University of Maryland, USA	2022 - present
Doctor of Philosophy in Geosciences, Texas Tech University, USA	2020 - 2022
Master of Science in Cartography and Geographical Information System, Wuhan University, China	2014 - 2017
Bachelor of Science in Geographical Information System, Wuhan University, China	2010 - 2014

Employment

Graduate Research Assistant, University of Maryland, College Park, USA	08/2022 - present
Graduate Research Assistant, Texas Tech University, Lubbock, USA	08/2020 - 08/2022
Senior Software Engineer, NetEase Network Co. Ltd., Hangzhou, China	07/2017 - 06/2020
Intern of Software Engineer, Fiberhome Technologies Co. Ltd., Wuhan, China	08/2016

Publications

- **Li, H.,** Song, X.P., Hansen, M.C., Becker-Reshef, I., Adusei, B., Pickering, J., Wang, L., Wang, L., Lin, Z., Zalles, V., Potapov, P., Stehman, S.V. & Justice, C.O. (2023). Development of a 10-m resolution maize and soybean map over China: Matching satellite-based crop classification with sample-based area estimation. *Remote Sensing of Environment*, 294, p.113623.
- Song, X. P., **Li, H.,** Potapov, P., & Hansen, M. C. (2022). Annual 30 m soybean yield mapping in Brazil using long-term satellite observations, climate data and machine learning. *Agricultural and Forest Meteorology*, 326, 109186.
- Lu, J., **Li, H.,** Chen, X., & Liang, D. (2019). Numerical study of remote sensed dredging impacts on the suspended sediment transport in China's largest freshwater lake. *Water*, 11(12), 2449.
- **Li, H.,** Chen, X., Lu, J., Zhang, P., Qi, H. D., & Chen, L. (2016). Numerical simulation of suspended sediment concentration in Lake Poyang during flood season considering dredging activities. *Journal of lake Sciences*, 28, 421-431. (In Chinese)
- Chen L., Zhang J., Chen X., Cai M., **Li H.** (2016). Research on meteorological factors and logistic prediction model of cyanobacterial blooms in Erhai Lake. Journal of China Central Normal University. 50(4):606-611. (In Chinese)
- **Li, H.,** Zhan X., Qiao Y., Li T., Zhou J., Chen Z., Fei F. (2014). City-friendliness map for lower limb disabled people: A case study in Wuchang. Disability Research. 1:46-53. (In Chinese)

Fieldwork Experience

Corn and soybean fieldwork, USA	06/2022; 08/2023; 06/2024; 08/2024
Poyang Lake fieldwork, China	03/2017
Taizhou Bay fieldwork, China	08/2016
Poyang Lake fieldwork, China	09/2014

Language and Skills

- IELTS: 7.5 (Listening 8.0, Reading 9.0, Writing 6.5, Speaking 6.0)
- GRE: 314, Verbal: 151 (51%), Quantitative: 163 (82%), Analytical Writing: 4.0 (57%)
- Java, Scala, Shell, Python; ENVI, ERDAS, ArcGIS, QGIS

Honors and Awards

- 2024 Geographical Sciences Awards - Excellence in Graduate Research 3rd Place, University of Maryland
- 2022 Study Abroad Competitive Scholarship, Texas Tech University
  Gary Elbow Scholarship, Texas Tech University
- 2021 Geography Excellence Scholarship, Texas Tech University
  General Geosciences Scholarship, Texas Tech University

- 2016 Graduate Fellowship, Wuhan University
- 2015 Graduate Fellowship, Wuhan University
- 2014 Excellent Bachelor's Degree Dissertation Award in Hubei Province
  Outstanding Undergraduate, Wuhan University
- 2013 Outstanding Student Award, Wuhan University
  Guang-Hua Scholarship, Wuhan University
  The Third Prize Scholarship, Wuhan University
- 2012 National Encouragement Scholarship, Wuhan University
  The First Prize Scholarship, Wuhan University
  Merit Student Award, Wuhan University
- 2011 National Encouragement Scholarship, Wuhan University
  Merit Student Award, Wuhan University