Personal Information

Name: Hongjie HE(何鸿杰)　　　　　**Gender:** Male

Date of birth: 21/02/1995　　　　　**TEL:** (86)15294164198

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Education

2016.09 – 2019.07: Lanzhou University　　　　　**M.S.**

Master's student in Cartography and Geographic Information System, College of Earth and Environmental Sciences

2012.09 - 2016.07: China University of Petroleum　　　　　**B.Eng.**

Bachelor in Geomatics, School of Geosciences

Research Interest

Land use/cover change; Regional environment change; Image classification; Data analysis; Secondary development of ENVI; 3D modeling and spatial analysis.

Research Techniques and Skills

Techniques: Detecting regional environment change and its drivers by analyzing land use/cover change.

Software: ArcGIS, ENVI, ERDAS IMAGINE, SPSS, WEKA, CityEngine, LINGO, GeoDa, Mapinfo

Programming language: Interactive Data Language, Python, MATLAB, C#, C, Visual Basic

Research experience

1.NSFC project-the impact of land use/cover changes on hydrothermal processes in the northwestern farming-pastoral intersecting belt. (NSFC, National Natural Science Foundation of China). *2017-2018*

2.The relationship between high incidence of gastric cancer and groundwater quality.2018.1-2018.6

3.Environmental assessment project in Wuwei city. 2017.7 Environmental assessment project in Lanzhou city. 2017.8

4. Research on high precision picking of claw points in 3D laser point cloud data processing. (Innovation Project for College Students, in China University of Petroleum) 2015-2016

Journal Publication

Wei, B., Xie, Y., Jia, X., Wang, X., **He, H**., & Xue, X. (2018). Land use/land cover change and its impacts on diurnal temperature range over the agricultural pastoral ecotone of northern china. Land Degradation & Development.