# Shuwen Liu

Phone: + 86 188-1177-9816 | Email: liushw23@mail2.sysu.edu.cn Address:
No. 135, Xingang Xi Road, Guangzhou, 510275, P. R. China

## EDUCATION BACKGROUND

**Sun Yat-sen University** *2018.09 - 2020.07*

*M.Sc. in Surveying and Mapping Engineering*

- Supervisor: Prof. Xia Li
- GPA: 87.4/100 (top10%)
- Awards: The Third-prize Scholarship in Sun Yat-sen University(Jun 2018).
- Main Course: Geography Research Technology and Method, Information Retrieval, Modern Remote Sensing and GIS, Principle and application of GIS.

**China Agricultural University** *2014.09 - 2018.07*

*B.Sc. in Geographic Information Science*

- GPA: 3.28/4 (top30%)
- Awards: Excellent student Scholarship(Jun 2015), Successful Participant in USA Mathematical Contest In Modeling(Feb 2017).
- Main Course: Spatial Analysis, Digital Image Processing for Remote Sensing, Principal of Geographic Information System, Data Structure, Python Programming, Scientific Paper Writing.
- Thesis: *Design and development of information management system of 'Beijing duck' geographical indication product based on WebGIS.*

## RESEARCH EXPERIENCE

**M.Sc. Thesis**

- The influence of cross-regional healthcare and large-scale transportation systems on the accessibility and equity of healthcare services in China

**Academic Conference**

- The 6th symposium on the application of geographic information and spatial analysis in public health, Shanghai, July 24-26, 2019.
- Frontiers in the application of geographic information analysis in public health, Nanchang, July 29-31, 2019.
- Annual meetings of Geoinformatics in Sustainable Ecosystem and Society (GSES) and Geospatial Artificial Intelligence for Urban Computing (GeoAI-UC), Guangzhou, November 22-25, 2019.

**Project Participation**

- Simulation and application of "human-land" coupling and high-precision global land use evolution, National Key R&D Program of China. (Grant No. 2017YFA0604402)
- Extraction of Global Urban Renewal based on Google Earth Engine for Thirty Years.
- 1985-2015 Long-term Global Annual Land Cover Product.

## WORK EXPERIENCE

**China Institute of Water Resources and Hydropower Research** *2018.04 - 2018.07*

*research assistant , Development strategy and policy research office*

- Geographic data processing and visualization.

## SKILLS

- **Programming:** Python(data analysis, web crawling, visualization), C#(GIS-software development), Java(web development)
- **Languages:** English (IELTS band 6.5), Chinese (Native)
- **Application software:** ArcGIS, Envi, Office, etc
- **Hobbies:** Reading, Photography, Basketball