Han Wang

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EDUCATION

Peking University   2020.09 – (expected)2023.06
- Master's Student in *Geographical Information Science*
- GPA 3.76 / 4.00 · Rank 2 / 18
- Advisor: Prof.Zhou Huang & Prof.Yu Liu

Wuhan University   2016.09 – 2020.06
- B.Eng in *Remote Sensing Science and Technology*
- GPA 3.90 / 4.00 · Rank 2 / 72

PUBLICATION

DouFu: A Double Fusion Joint Learning Method For Driving Trajectory Representation

Han Wang, Zhou Huang*, Xiao Zhou, Ganmin Yin, Yi Bao

DOI:10.48550/arXiv.2205.08356   *Arxiv Preprint(Knowledge-Based Systems Under Review)*

Identifying spatiotemporal characteristics and driving factors for road traffic CO2 emissions

Xiao Zhou, **Han Wang**, Zhou Huang*, Yi Bao, Guoqing Zhou, Yu Liu

DOI:10.1016/j.scitotenv.2022.155270   *Science of The Total Environment*

ConvGCN-RF: A hybrid learning model for commuting flow prediction considering geographical semantics and neighborhood effects

Ganmin Yin, Zhou Huang*, Yi Bao, **Han Wang**, Linna Li, Xiaolei Ma, Yi Zhang

DOI:10.1007/s10707-022-00467-0   *GeoInformatica*

Site selection for hybrid offshore wind and wave power plants using a four-stage framework: A case study in Hainan, China

Xiao Zhou, Zhou Huang*, **Han Wang**, Ganmin Yin, Yi Bao, Quanhua Dong, Yu Liu

DOI:10.1016/j.ocecoaman.2022.106035   *Ocean & Coastal Management*

PROJECT

Implement pre-sorting methods before GiST index building   2021.06 – 2021.10

Google Summer of Code · OSGeo · PostGIS
- Wiki: https://trac.osgeo.org/postgis/wiki/ImplementSortingMethodsBeforeGistIndexBuilding
- Presentation at FOSS4G 2021: https://youtu.be/Jjgghz_EzWQ?t=706

Automatic driving strategy research and practice   2019.07 – 2019.08

Deecamp 2019
- Demo: https://www.bilibili.com/video/BV154411D7nq

EXPERIENCE

Research Assistant · Peking University   2020.09 – present
Teaching Assistant · Peking University   2021.09 – 2022.01
- C Programming Language

Software Dev Intern · Esri Beijing R&D Center   2020.06 – 2020.09

SELECTED HONOR & AWARD

Scholarship of Excellent Student   2021.09
Outstanding Graduate Student   2020.06
Liu Daoyu Award for Creative Learning   2019.10
Kwang-Hua Scholarship   2018.09
Meritorious Winner, COMAP's Mathematical Contest in Modeling   2018.03