

Jinyuan Shao | Curriculum Vitae

Graduate Student, Major: Ecology
Institute of Urban Environment, Chinese Academy of Sciences

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Publications

Jinyuan Shao, Lina Tang, Ming Liu, Guofan Shao, Lang Sun, and Quanyi Qiu. BDD-Net: A General Protocol for Mapping Buildings Damaged by a Wide Range of Disasters Based on Satellite Imagery. *Remote Sensing*, 12(10):1670, May 2020.

Jinyuan Shao, Quanyi Qiu, Yao Qian, and Lina Tang. Optimal Visual Perception in Land-use Planning and Design Based on Landsat-8 Ecology. *International Journal of Sustainable Development & World Ecology*, 27(3):233–239, April 2020.

Lang Sun, Lina Tang, Guofan Shao, Quanyi Qiu, Ting Lan, and Jinyuan Shao. A Machine Learning-Based Classification System for Urban Built-Up Areas Using Multiple Classifiers and Data Sources. *Remote Sensing*, 12(1):91, December 2019.

Education

Institute of Urban Environment, Chinese Academy of Sciences

Master of Ecology

Last two years of master degree.

Xiamen, China

July 2019 - July 2021

University of Chinese Academy of Sciences

GPA: 3.4/4

First year of master degree.

Beijing, China

September 2018 - June 2019

College of Engineering, Huaqiao University

Bachelor of Information Engineering

Xiamen, China

September 2014 - July 2018

Experiences

China Academy of Urban Planning & Design

Internship

Beijing, China

March 2019 - June 2018

- Analyzing and processing RS & GIS data, developing RS algorithm.

SCSC Lab, Xiamen University

Bachelor Thesis

Xiamen, China

March 2018 - June 2018

- Supervised by Prof. Cheng Wang, learned about the technological principles of deep learning and point cloud and finished bachelor thesis.

Skills

○ Python

○ Tensorflow

○ Pytorch

○ GDAL

○ QGIS

○ L^AT_EX