

RESUME

Nguyen Ba Thanh Son



Introduction

Son graduated with a degree in Environmental Resource Management and is currently pursuing a Master by research in Nong Lam University, at Ho Chi Minh city. His research focuses on hydrology and climate change, with an emphasis on applying both physically-based models and artificial intelligence to address critical global challenges related to water resources and food security.

Contact

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- <https://github.com/wosonday>

Education

- M.Sc. in Environmental Resources Management**
Nong Lam University - HCMC, Viet Nam (08 / 2025 - Now)
- B.E. in Environmental Resources Management**
Nong Lam University - HCMC, Viet Nam (2020 - 2024)

Technical Skill

- Programming:**
Python, R
- GIS:**
QGIS, ArcGIS, Rasterio, GDAL
- Data Science:**
Pandas, Numpy, Scikit-learn
- Hydrological Modeling:**
SWAT-model

Experience

- Master by research:**
MATHY-NLU, Nong Lam University - HCMC
(04 / 2025 - Now)
- Teaching assistant:**
Data Mining Course, in Nong Lam University - HCMC
(04 / 2025 - 08 / 2025)

Publication

(Proceeding Viet Nam NATIONAL-GIS 2025): Phân tích các hàm mục tiêu khác nhau được sử dụng trong hiệu chỉnh mô hình SWAT: trường hợp nghiên cứu tại lưu vực sông An Lão tỉnh Gia Lai

Conference

(Poster Session Viet Nam NATIONAL-GIS 2025): Assessing the Impacts of Climate Changes on Hydrological Regime at Ba River Basin Using CMIP6 Data

Research Domains:

Climate change, Flood forecasting, Water resources, Machine learning