

Huang Wanxin

(+65) 83219085 • hwanxin20@gmail.com • whuang026@e.ntu.edu.sg

EDUCATION

University of British Columbia (Vancouver)

Jan 2024 – May 2024

Exchange Program - School of Ocean and Atmospheric Sciences (EOAS)

- Completed the Field Techniques course (Grade: A), engaged in various field surveys and mapping exercises.

Nanyang Technological University

Aug 2021 – May 2025

Bachelor of Science (Environmental Earth Systems Science)

- Specialization in Geosciences, with a CGPA of 4.63
 - Attained an A+ for Solid Earth, Sedimentary Geology and Introduction to Geochemistry.
 - Attained an A in Computational Earth Systems Science and GIS & Earth Systems.
 - Developed field data acquisition and interpretation skills through fieldworks in Bali, Indonesia and California, USA.

National Junior College

Feb 2017 – Nov 2018

- Graduated with Cambridge International A Level result of AAA/A
 - With As in H2 Geography, H2 Chemistry, H2 Maths and H1 General Paper.
- Member of the MOE *Geography Talent Development Programme (TDP)* in 2017.

Swiss Cottage Secondary School

Jan 2013 – Nov 2016

- Graduated with Cambridge O Level result of 5 points (L1R5).
- Awarded Gold Medal for the *NUS Geography Challenge* 2016.

RESEARCH EXPERIENCES

Nanyang Technological University & Earth Observatory of Singapore

Aug 2021 – May 2025

Final Year Project

- Reconstructing Holocene sea levels in Bintan, Indonesia
 - Utilized Ground Penetrating Radar (GPR) to survey two transects in northern Bintan.
 - Processed and interpreted with Ekko Project 6.
 - Enhanced geophysical data interpretation skills.

Coastal Lab

- Analyzed 2D sub-bottom profile of the Singapore Straits
 - Utilized shallow-seismic Boomer survey, interpreted with OpendTect.
 - Correlated with established terrestrial Quaternary stratigraphy of Singapore.
 - Exposed to geophysical data and techniques.

Tropical Rivers Group

- Investigated the linkages between climate change, precipitation and floods in Phnom Penh
 - Utilized remote sensing data for local hydrology and meteorology.
 - [Published](#) in Journal of Hydrology: Regional Studies in August 2024.

ADDITIONAL INFORMATION

- **Languages:** Fluent in English and Mandarin (spoken and written)
- **IT Skills:** Microsoft Office, MATLAB, R, Google Earth Engine, ArcGIS, QGIS
- **Interests:** Outdoor exploration, urban planning, environmental history