HA VINH LONG

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PERSONAL STATEMENT

Since the first time working with seismic data, I got highly motivated on using the physical theorem as well as the seismological data, especially, the strong motion data to modeling the earthquake shake map, risk assessment. Therefore, I have good experience in seismological data process, archive, and analyses the processed data for engineering purpose. I am interested in the research, which related to earth science, computational seismology, or earthquake engineering or Artificial Intelition application on seismology.

EDUCATION

VNU University of Science, Hanoi, Vietnam

Bachelor of Science **2011**

Major: Physic, Geophysic

VNU University of Science, Hanoi, Vietnam

Master of Science **2015**

Major: Physic of earth

Thesis: “Simulation the accelerogram using stochastic approach, case of study: The M5.3 Dien Bien Phu 2001 earthquake”

PhD

National Central University, Taiwan & Insititute of Earth Sciences (Academia Sinica)

3rd year PhD student **Current**

AWARDS

No

WORKING EXPERIENCE

Earthquake monitoring department, Institute of Geophysics, VAST, Vietnam

2010 - 2018

+ Routine data processing, data analysis,

+ Researcher on triggered seismicity, seismology and seismotechtonic.

Regional Integrated Multi-Hazard Early Warning System for Africa and Asia, Asian Institute of Technology, Thailand / Training on job **8/2011-5/2012**

+ Seismic data processing,

+ Tsunami assessment and modeling,

+ Earthquake risk assessment.

PUBLICATION

Cao Dinh Trieu, Cao Dinh Trong, Le Van Dung, Thai Anh Tuan, Dinh Quoc Van,. Triggered Earthquake Study in Tranh River No. 2 (Vietnam) Hydropower Reservoir, Journal of the Geological Society of India 84(3):319-325 (2014) DOI: 10.1007/s12594-014-0135-x

LANGUAGES

+ Vietnamese– native language

+ English– speak fluently and read/write with high proficiency

+ Mandarin– speak with basic competence

SKILLS

+ Programing: Fortran/Matlab/python

+ Seismological data/strong motion data/timeseries analysis/stratigraphy data process

+ Earthquake modeling, strong motion simulation related to computational seismology.

CURRENT RESEARCH INTEREST:

+ Seismology, seismotectonic,

+ Crustal-scale imaging and interpretation of Northern Vietnam by using passive source,

+ Strong ground motion simulation based on monitoring data,

+ Artificial Intelligence application for seismic data processing.

+ Realtime Seismic data processing and interpretation, Time series analysis.