


Curriculum Vitae

| English Name | Phung, Van-Bang | Chinese Name | 馮文龐 |  | | |
|--|--|-----------------------|--|---|-----------|---------------|
| E-mail | phungvb@earth.sinica.edu.tw or d01521029@ntu.edu.tw | Position | Postdoc | | | |
| Address in Taiwan | Institute of Earth Sciences, Academia Sinica P.O. Box 1-55, Nangang, Taipei 11529, Taiwan | Phone NO. | +886-2-27839910 ext. 1312 | | | |
| Specializations | Development of Ground Motion Prediction Equation (GMPE). Development of Sammon' Map method to analyze Epistemic Uncertainty associated with median GMPE | Research Field | Ground Motion Prediction Equation Probabilistic Seismic Hazard Analysis | | | |
| Educational Background (starting from Bachelor to Master/PhD) | | | | | | |
| Institution (include country) | Major | From | | To | | Degree |
| | | Mo | Yr | Mo | Yr | |
| National Viet-Nam University of Civil Engineering | Structure Engineering | 9 | 2005 | 3 | 2010 | Bachelor |
| National Taiwan University | Structure Engineering | 9 | 2010 | 8 | 2012 | Master |
| National Taiwan University | Structure Engineering | 9 | 2012 | 12 | 2018 | PhD |
| Institute of Earth Sciences of Academia Sinica | Earthquake Engineering | 4 | 2019 | | | Postdoc |

| Work Experience (including organization, position, location and date) | | | | | | |
|--|---|---|---|-----------|----------------------|-----------|
| Organization (including country) | Position | Status | From | | To | |
| | | | M o | Yr | M o | Yr |
| Lideco Company (Vietnam) | Engineer | <input type="checkbox"/> Full-time <input checked="" type="checkbox"/> Part-time | 4 | 20 10 | 11 | 20 10 |
| National Taiwan University | Teaching Assistant | <input type="checkbox"/> Full-time <input checked="" type="checkbox"/> Part-time | 8 | 20 15 | 8 | 20 18 |
| National Center for Research on Earthquake Engineering (Taiwan) | Researcher | <input type="checkbox"/> Full-time <input checked="" type="checkbox"/> Part-time | 8 | 20 15 | 7 | 20 19 |
| Institute of Earth Sciences, Academia Sinica (Taiwan) | Postdoctoral Fellow | <input checked="" type="checkbox"/> Full-time | 8 | 20 19 | present | |
| Refereed papers (R), Conference papers (C), or Other publications (O) [include Title, Publication/Presentation Date, Periodical name or Conference venue] | | | | | | |
| Title | Publication/ Presentation Date | Periodical name/ Conference/ Thesis | Advisor | | | |
| Amplification factors for spectral acceleration, velocity, and displacement for the 1999 Chi-Chi earthquake (C). | October 2012 | The 25th KKCNN Symposium on Civil Engineering in Korea | Van-Bang, Phung and Yin-Nan, Huang | | | |
| Identification of Basin Topography Characteristic Using Multivariate Singular Spectrum Analysis: Case Study of the Taipei Basin (R). | 2015 | Engineering Geology. 197.10.1016/j.enggeo.2015.08.027. | Chang, Yu-Wen., Phung, Van-Bang., and Loh, Chin-Hsiung. | | | |
| Selection of Ground Motion Prediction Equations for Probabilistic Seismic Hazard Analysis: Case Study of Taiwan (C). | 2016 | The 5th International Symposium on the Effects of Surface Geology on Seismic Motion (ESG5) in Taiwan. | Phung, V. B., Loh, C.H., and N. Abrahamson | | | |
| Verification on the Development Ground Motion Prediction Equation for Subduction Zone using Taiwan data (C). | November 2017 | The 30th KKHTCNN Symposium on Civil Engineering in Taiwan | Phung, V. B., and Loh, C.H | | | |

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| Epistemic Uncertainty Associated with GMPEs and Their Weight within the Logic Tree for PSHA: Application to Taiwan (C). | November 2018 | The 7th International Doctoral Symposium, Sapporo Japan | Phung, V. B., C.H. Loh, S.H. Chao, and N.A. Abrahamson |
| Analysis of Epistemic Uncertainty Associated with GMPEs and Their Weight within the Logic Tree for PSHA (R). | November 2018 | Terr. Atmos. Ocean. Sci. | Phung, V. B., C.H. Loh, S.H. Chao, and N.A. Abrahamson |

Honor/Award

1. Scholarship for outstanding student of Civil Engineering Department of National Taiwan University in Academic year of 2013.
2. Scholarship for outstanding student of Civil Engineering Department of National Taiwan University in Academic year of 2016.
3. Excellent individual-performance participating in 2017 Camp for overseas students.
4. 2019 TAO Young Scientist