CURRICULUM VITAE

I. PERSONAL INFORMATION

Name	**HO TRONG LONG**
Gender	Male
Nationality	Vietnamese
Email	hotronglong@gmail.com
Cell Phone	-
Languages	Vietnamese (native)
	English (good)
	Japanese (elementary)

II. BACKGROUND

a, EDUCATION

ACADEMIC DEGREE

2004-2007	DOCTOR Of PHILOSOPHY (Ph.D.) *Earth Resources Engineering*	Kyushu University, Japan
2000-2002	MASTER OF SCIENCE (M.Sc.) *Geophysics*	HCMC University of Natural Sciences
1994-1999	BACHELOR OF ENGINEERING (B.E.) *Petroleum Geology*	HCMC University of Technology

TRAINING CERTIFICATES

1. GEOEXPERTS: Advanced training in Geophysics, CGG University, **2017**

2. Advanced INTERACTIVE PETROPHYSICS (IP), SENERGY, **2015**

3. INPEFA Log Transform and Applications in Subsurface Stratigraphic Modelling, ENRES International, **2013**

4. Sequence Stratigraphy, ISIS, **2013**

5. TECHLOG: Advance Log Interpretation, Schlumberger, **2011**

6. PETREL training, Schlumberger, **2010**

7. Pore Pressure and Related Issues in Asia Pacific, AAPG, **2010**

8. Petroleum Geomechanics, AAPG, **2010**

9. Log interpretation: INTERACTIVE PETROPHYSICS (IP), Senergy, **2010**

10. Seismic Interpretation & Visualization in PETREL, Schlumberger, **2010**

11. Basin Analysis Workshop: An Intergrated Approach, Petroskills, **2008**

12. Geostatistical Reservoir Modelling: Outcrop to Simulator, Next Training Services, **2003**

13. Reservoir Monitoring and Production Log Evaluation, Oil & Gas Consultants International, **2000**

14. Well Test Evaluation of Fractured Reservoirs with Application to Fractured Basement Rocks, NAFT Consulting and Training Center, **1999**
15. Reservoir Engineering Concepts for Fractured Reservoirs, NAFT Consulting and Training Center, **1999**
16. Soft skills & training: Presentation Skill, MS project, BOSIET, Tender Law, etc.

FIELD WORKS

1. Shallow Marine to Deepwater Deposition in Labuan Island and Kota Kinabalu, Malaysia (join study between JX-NOEX Malaysia and Petronas), **2013**
2. Pre-Tertiary sediment study at Phu Quoc and nearby islands, Vietnam (join study between JX-NOEX and Vietnam Petroleum Association), **2011**
3. Fracture Basement study at Ke Ga, Phan Thiet, Vietnam (join study between HCMC University of Technology and PVEP), **2003**
4. Regional geology study from Vung Tau zone to Da Lat zone, Vietnam (HCMC University of Technology's research project), **2000**

b, EXPERIENCES

EMPLOYMENT HISTORY

Mar 2018 - now   **IDEMITSU GAS PRODUCTION (VIETNAM) CO. LTD.**

Position: SENIOR GEOLOGIST

2016-2018   **PETROVIETNAM University (PVU)**

Position: HEAD OF GEOLOGY & GEOPHYSICS DEPARTMENT

2015-2016   **PHU QUOC Petroleum Operating Company (PQ-POC)**

Position: SENIOR GEOLOGIST

2010-2015   **JX Nippon Oil & Gas Exploration Corporation (JX-NOEX) and Japan Vietnam Petroleum Company (JVPC)**

Position: SENIOR GEOLOGIST

2008-2010   **PHU QUY Petroleum Operating Company (PQ-POC)**

Position: SENIOR GEOLOGIST

1999-2008   **HCMC University of Technology – Faculty of Geology & Petroleum**

Position: DEPUTY DEAN OF THE FACULTY, LECTURER

SOFTWARES & COMPUTER SKILLS EXPERIENCE

- Good knowledge of **PETREL** in Seismic interpretation & Visualization, Wells Correlation and 3D Geological Modeling.
- Good knowledge of **IP** (Geoactive software) for Petrophysical Interpretation (advanced level).
- Good knowledge of **TECHLOG** (Schlumberger software) for Petrophysical Interpretation (advance level).
- Good knowledge of **CYCLOLOG** (ENRES software) for INFEFA Log Transform and wells correlation.
- Basic knowledge of **PETROMOD** (Schlumberger software) for basin modeling.

- Good knowledge of applying advanced computing techniques such as Machine Learning, Neural Networks, Genetic Algorithm and Fuzzy Logic for reservoir parameters prediction (porosity, permeability), litho-facies prediction, geological modeling, optimum production regime, water injection optimization.

- Good knowledge of Geostatistic, such as Multi-Point Statistics (MPS), Principle Components Analysis (PCA), etc. and applying to facies modeling, regression problems, etc.

c, PUBLICATIONS

LECTURE NOTES

1. La Thi Chich, Ho Trong Long, 2002, Structural Geology Practice, *Faculty of Geology and Petroleum Engineering, Ho Chi Minh City University of Technology*.
2. Ho Trong Long, 2004, Well Log Interpretation, *Faculty of Geology and Petroleum Engineering, Ho Chi Minh City University of Technology*.
3. Ho Trong Long, 2004, Fundamental of Geophysics, *Faculty of Geology and Petroleum Engineering, Ho Chi Minh City University of Technology.*

JOURNAL PAPERS

1. Ho Trong Long, 2002, Using the Kuster-Toksoz acoustic scattering model to estimate porosity in basement reservoirs, *Journal of Science and Technology*, Vol. 6, pages 59-67.
2. My Tien Thang, Ho Trong Long, 2002, An application of Lopatin's method for evaluation maturity of organic materials of source rock by OME-1 computer program, *Journal of Science and Technology*, Vol. 6, pages 68-73.
3. Ho Trong Long and Sachio Ehara, 2007, Oil reservoir parameters estimation by fuzzy-neural network, *The Memoirs of the Faculty of Engineering Kyushu University*, Vol. 67.
4. Ho Trong Long and Sachio Ehara, 2007, Study of an oil field prospect from well log and seismic data, *The Memoirs of the Faculty of Engineering Kyushu University*, Vol. 67.
5. Ho Trong Long, 2009, 3D inversion of borehole-to-surface electrical data using a back-propagation neutral network*, Journal of Applied Geophysics*, Vol. 68, Issue 4, pp. 489 - 499.
   doi: 10.1016/j.jappgeo.2008.06 .002

CONFERENCE PAPERS

1. Ho Trong Long, Le Canh Dai, 2002, Using the Kuster-Toksoz acoustic scattering model to estimate porosity in basement reservoirs, *Proceedings of the 3rd Scientific Conference*, HCMC University of Natural Sciences, page 233.
2. Ho Trong Long, Le Canh Dai, 2002, Using Artificial Neural Networks to predict porosity distribution, *Proceedings of the 3rd Scientific Conference*, HCMC University of Natural Sciences, page 234.
3. Ho Trong Long, Luu Minh Luong, 2002, Evaluating of hydrocarbon prospects in the Miocene formation at the Da Nang offshore (blocks 117-118-119), *Proceedings of the 8th Conference on Science and Technology*, HCMC University of Technology, pages 9-16.
4. My Tien Thang, Pham My Hanh, Ho Trong Long, 2002, An application of Lopatin's method for evaluation maturity of organic materials of source rock by OME-1 computer program, *Proceedings of the 8th Conference on Science and Technology*, HCMC University of Technology, page 17-22.
5. Ho Trong Long, Bui T.T. Huyen, Gad El-Qady, Keisuke Ushijima, 2005, Porosity and permeability estimation in A2-VD oil prospect, southern offshore Vietnam using artificial neural networks, *Proceedings of the 2nd International Petroleum Conference and Exhibition*, Cairo, Egypt.
6. Ho Trong Long, Bui T.T. Huyen, Keisuke Ushijima, 2005, Construction 3D structural model of an oil prospect based on seismic and well log data, *Proceedings of the Fourth Congress of Balkan Geophysical Society*, International Meeting and Exhibition of Applied Geophysics and Earth Physics, Bucharest, Romania.
7. Ho Trong Long, Bui T.T. Huyen, Toshifumi Matsuoka, Keisuke Ushijima, 2005, Combination of seismic and well log data interpretation for 3D structural model of the A2-VD oil prospect, offshore Vietnam, *Proceedings of the International Workshop Hanoi Geo-engineering*, Hanoi, Vietnam.

8. Ho Trong Long, Bui T.T. Huyen, Gad El-Qady, Keisuke Ushijima, 2005, Formation porosity prediction using neural network: case study at A2-VD oil prospect in Vietnam, *Proceedings of the 3rd International Workshop on Earth Science and Technology*, Fukuoka, Japan.
9. Ho Trong Long, Hideki Mizunaga, Keisuke Ushijima, 2006, Borehole-to-surface electrical data interpretation at Takigami geothermal field in Kyushu, Japan using neural network, *Proceedings of the SEG International Exposition and Seventy- Sixth Annual Meeting*, New Orleans, USA.
10. Ho Trong Long, Toshiaki Tanaka, Bui T. T. Huyen, Keisuke Ushijima, 2006, Applications of soft computing in exploration geophysics of the oil & geothermal fields, *Proceedings of the AUN/SEED-Net Field Wise Seminar*, Vientiane, Laos.

III. AWARDS

- Scholarship awarded by the HCMC University of Technology to outstanding students, 1994-1999.

- Second prize award for the 4th Conference of Young Scientists at HCMC University of Technology, 2003.

- Doctoral scholarship awarded by the Japan International Cooperation Agency (JICA), 2004-2007.

- Excellent Foreign Student awarded by the Kyushu University, Japan, 2005.

- Active Member awarded by the Society of Exploration Geophysicists (SEG), 2006.

- Travel Grant for the SEG meeting, New Orleans, USA awarded by SEG, 2006.

- Excellent Job awarded by the Phu Quy POC in 2009 for Doi Nau gas/condensate discovery.

- Grade Promotion awarded by JX-NOEX in 2013 for good job performance.