

SUMMARY OF SCIENCE PROFILE

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1. Name: PHAM HUY KHANG

2. Date of birth: 1956

3. Position and Affiliation: Professor - Senior Lecturer – University of Transport and Communications

4. Year of Professor (or Associate Professor) Conferment: 2012

Field: Transportation Specialization: Highway Construction

5. National and International awards:

6. Number of publications in science journals: 50 (24 papers in last five years)

In that:

- ISI or/and Scopus: (last 5 years): 01

- Other international journal: (last 5 years): 02

7. Number of patents, useful solution: 01

International: (last 5 years):

8. Number of books, textbooks have been public: 10

While:

- Last 5 year: 01

- Release by international publisher, national publisher, ministry publishers or equivalence: 09

9. Total citations (if any): H index (if any):

10. International, national science and technology awards or equivalence

- Certificate for young creative work, Certificate for young construction specialist 1993

- Certificate for useful solution 1993

11. Representative papers (List out maximum 10 representative papers, with number of citation of the paper and impact factor of the journal, if any)

1) "Issues of flexible pavement with non-linear element" – Pham Huy Khang, Science Transportation Journal Vol. 20, December 2007, ISSN 2354-0818

2) "Production of stabilizer agent DBS-06 for base and subbase from paper refuse of paper industry in Vietnam" – Pham Huy Khang, Transportation Journal, July 2008, ISSN 2354-0818

- 3) *"Issues of flexural strength of cement concrete pavement", Pham Duy Huu, Pham Huy Khang Transportation Journal, July 2009, ISSN 2354-0818*
- 4) *"Issues of roller compacted concrete (RCC) applying in road and airport pavement in Vietnam", Science Journal of Transportation Vol. 20, December 2009, ISSN 1859-2724*
- 5) *"Technical solutions for cement concrete construction with stationary formwork", Pham Huy Khang, Transportation Journal, July 2010, ISSN 2354-0818*
- 6) *"Investment of multi-national companies in Vietnam in the field of transport infrastructure construction: potential and challenges", International Conference on Construction Investment in Vietnam June 2006, at Hanoi, "New directions in international joint ventures for construction : theory and practice – Construction Publisher 9-2006.*
- 7) *"Technical solutions for upgrade Runway 1A at Noi Bai International Airport", Pham Huy Khang, Nguyen Dinh Chung, Transportation Journal, Sep. 2015, ISSN 2354-0818*
- 8) *"Issues of application of AC 150/5320-6E for flexible pavement design in Vietnam condition", Pham Huy Khang, Nguyen Bach Tung, Nguyen Dinh Chung, Transportation Journal, July 2016, ISSN 2354-0818*
- 9) *"Remarkable issues of using base layer in highway and airport pavement in Vietnam", Pham Huy Khang, Tran Thi Thuy, Transportation Journal, June 2017, ISSN 2354-0818*

12. Representative book or textbook (List out maximum 5 representative book and/or textbook, with number of citation, reprint, if any)

- 1) *Highway pavement design by AASHTO and application in Vietnam – Duong Hoc Hai, Pham Huy Khang, Textbook- Transportation Publisher, 2000*
- 2) *Design and highway pavement technology – Textbook – Pham Huy Khang, Transportation Publisher, 2008*
- 3) *Cement Concrete pavement design for highway and airport – Textbook – Pham Huy Khang, Transportation Publisher, 2008*
- 4) *Airport planning and design – Textbook – Pham Huy Khang, Construction Publisher, 2006*
- 5) *Joint ventures in construction (Chapter 19) – Textbook – Pham Huy Khang, Nguyen Dinh Thao, Thomas Telford Publisher, Great Britain 2009, ISBN: 978-0-7277-3651.*

13. Representative research results in last 5 year (list out maximum 5 representative research projects in last 5 years (papers and/or textbook; patents, useful solutions; awards ...):

- 1) *“Modern approach for airport pavement”, Pham Huy Khang, Textbook, Transportation Publisher, 2015*
- 2) *“Study on improvement of design method for airport flexible pavement in Vietnam”- Phạm Huy Khang Pham, Dinh Chung Nguyen- 2018 The 6 th International Conference on Mechanical Engineering, Materials Science and Civil Engineering (ICMEMSCE2018).Published in IOP Conference Series: Materials Science and Engineering MSE, ISSN: 1757-899X (Scopus indexed).*
- 3) *“Pavement Rutting on Vietnam national highways – Cause and Solutions”, Pham Huy Khang, Proceeding, National Construction Structure Conference, 2017*
- 4) *Solutions for Tan Son Nhat International Airport Capacity Enhancement, Pham Huy Khang, Nguyen Trong Hiep, Nguyen Bach Tung, Nguyen Dinh Chung, Pham Minh Duc, International Conference on Sustainable in Civil Engineering (ICSCE), 2018*

14. Present public activities (Leader of international and national science, technical associations; Editor board of science journal,...):

- *Leader of specialist team of National acceptance board of construction projects*
- *Standing member of Vietnam Federation of Civil Engineering Association*
- *Member of executive committee of Vietnam Association on Aviation Science and Technology*
- *Member of executive committee of Hanoi Union of Science and Technology – Civil Engineering*
- *Member of Editor board of Science Journal of Transportation – University of Transport and Communications*
- *Member of The State Council for Professorship*
- *Chairman of Transportation Council for Professorship*

Hanoi, Oct. 2019
Declarant
(Signature and name)

Prof. Dr. Phạm Huy Khang