

## Curriculum Vitae

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### Personal Information

Age / Date of Birth: 31 years old / 8 September, 1986  
Religion: Buddhism  
Place of Birth: Suphanburi, Thailand  
Weight / Height: 60 kg. / 170 cm.  
Nationality: Thai  
Marital Status: Single  
Military Status: Finished Reserved Officers Training Corps Course

### Educations

2011-2016 Doctor of Philosophy (Civil Engineering)  
King Mongkut's University of Technology Thonburi, Thailand, Bangkok, Thailand  
Dissertation Topic: Nonlinear Vibrations of Extensible Marine Risers

2009-2010 Master of Engineering (Civil Engineering)  
King Mongkut's University of Technology Thonburi, Thailand, Bangkok, Thailand  
Thesis Topic: Static Analysis of Extensible Marine Risers/Pipes with Specified Total Arc-Length

2005-2008 Bachelor of Engineering (Civil Engineering)  
King Mongkut's University of Technology Thonburi, Bangkok, Thailand  
Project Topic: Evaluation of Stiffness Value of Ground Base by Falling Weight Deflectometer (FWD) and Plate Load Test (PLT)

2002-2004 Certificate in Technical Education (Civil Construction)  
King Mongkut's Institute of Technology North Bangkok, Bangkok, Thailand

### Professional Experiences

July 2017 – April 2018: Structural Engineer: Aurecon Consulting (Thailand) Co., Ltd.  
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### Awards, Fellowships, and Grants

2009 Financial Fund under the Young Scientist and Technologist Program (YSTP) from National Science and Technology Development Agency (NSTDA) (Contract No. SP51-NT2)

2009-2010 Full Scholarship for Master Program from Department of Civil Engineering, Faculty of Engineering, King Mongkut's University of Technology Thonburi

2010 Financial Fund under the Thailand National Research University (NRU) from King Mongkut's University of Technology Thonburi

2012-2016 Financial Fund under the Royal Golden Jubilee Ph.D. Program (RGJ) from Thailand Research Fund (TRF) (Contract No. PhD / 0112 / 2553)

## Publications

### *International Journals*

1. **Klaycham, K.**, Athisakul, C., and Chucheepsakul, S., 2016, "Nonlinear Vibration of Marine Riser with Large Displacement", *Journal of Marine Science and Technology*, Vol. 22, No. 2, pp. 361-375.
2. Athisakul, C., **Klaycham, K.**, and Chucheepsakul, S., 2014, "Critical Top Tension for Static Equilibrium Configuration of a Steel Catenary Riser", *China Ocean Engineering*, Vol. 28, No. 6, pp. 829-842.
3. Athisakul, C., Phanyasahachart, T., **Klaycham, K.**, and Chucheepsakul, S., 2012, "Static Equilibrium Configurations and Appropriate Applied Top Tension of Extensible Marine Riser with Specified Total Arc-Length using Finite Element Method", *Engineering Structures*, Vol. 34, pp. 271-277.

### *National Journals*

1. **Klaycham, K.**, Athisakul, C., and Chucheepsakul, S., 2014, "Finite Element Method for Critical Top Tension Analysis of Neutrally Buoyant Riser", *KUMTT Research and Development*, Vol. 37, pp. 429-446.

### *International Conference Papers*

1. **Klaycham, K.**, Athisakul, C., and Chucheepsakul, S., 2018, "Large Amplitude Motions of Deepwater Marine Riser Transporting Fluid", *Proceedings of the 28th International Offshore and Polar Engineering Conference, ISOPE, June 10-15, Sapporo, Japan.*
2. **Klaycham, K.**, Athisakul, C., and Chucheepsakul, S., 2014, "Nonlinear Free Vibration of a Steel Catenary Riser", *Proceedings of the 24th International Offshore and Polar Engineering Conference, ISOPE, June 15-20, Busan, Korea, pp. 195-201.*
3. Athisakul, C., **Klaycham, K.**, Phanyasahachart, T., and Chucheepsakul, S., 2011, "Critical Top Tension of an Extensible Catenary Riser", *Proceedings of the 21st International Offshore and Polar Engineering Conference, ISOPE, June 19-24, Hawaii, USA, pp. 50-56.*

### *National Conference Papers*

1. Athisakul, C., **Klaycham, K.**, and Chucheepsakul, S., 2011, "Static Equilibrium Configuration of an Extensible Catenary Riser with Constraint Condition", *Proceeding of the 16th National Convention on Civil Engineering, 18-20 May 2011, Mahidol University, STR 0004.*
2. Moryadee, S., **Klaycham, K.**, Kongkitkul, W., Youwai, S. and Punthutaecha, K., 2009, "Evaluation of Stiffness Values of Ground Base and Asphaltic Concrete by Falling Weight Deflectometer (FWD) and Plate Load Test (PLT)", *Proceeding of the 14th National Convention on Civil Engineering, 13-15 May 2009, Suranaree University of Technology, pp. 425-430.*