Title	:	Dr
Name	:	Pornpong Asavadorndeja
FoS	:	Offshore Technology and Management
Affiliation	:	Adjunct Faculty
Location	:	Bhumideja Building
Phone	:	(668) 1585 2030
Fax	:	
Email	:	asavadorndeja[at]hotmail.com

Educational Background

D.Eng., Asian Institute of Technology, 2005 M.Eng., Asian Institute of Technology, 2001
B.Eng., Chulalongkorn University, 1999

Research Interests

Asavadorndeja research is primarily focus in the field of subsea engineering. His attention is put on the development of the robust design method statement for subsea pipeline and subsea structures. The design optimization of many subsea related equipment has been developed including the articulated stinger, relocatable platform and soft landing cyinder.

Teaching

CE81.9011 Subsea Technology

Selected Publications

1. Asavadorndeja, P., Roehl, K.E., Glawe U. and Tuldhar, L. 2005. Electrokinetic remediation of Zn(II) contaminated soft Bangkok clay. Lowland International Technology: Vol. 7, No. 1, pp. 89-97

1. Asavadorndeja, P. and Glawe, U. 2005. Electrokinetic strengthening of soft clay using the anode depolarization technique. Bulletin of Engineering Geology and the Environment: Vol. 64, No. 3, pp. 237-245

1. Asavadorndeja, P., Asarnprakit, A., and Teerawattanasuk, C. 2006. Evaluation of Soil Characteristic Using Piezometric Cone Penetration Tests in Bangkok Clay and Its

Correlation to Engineering Properties. In 11th National Convention on Civil Engineering, 20-22 April 2006, Phuket, Thailand: Accepted for print

1. Rongsayamanon, C., Asavadorndeja, P., Glawe, A., and Alarmgir, M. 2006. The Status of Municipal Solid Waste Management in Least Developed Asian Countries (LDACs): A Comparative Review. In 11th National Convention on Civil Engineering, 20-22 April 2006, Phuket, Thailand: Accepted for print

1. Asavadorndeja, P., Rangsiphiboon, A., Pacheun, N., and Asarnprakit, A. 2005, Determination of Geotechnical Design Parameters for the Second Interational Maekong Brige using Pressuremeters, In International Conference on Geology, Geotechnology and Mineral Resources of Indochina (GEOINDO 2005), 28-30 November 2005, Khon Kaen, Thailand: 181-183

1. Asavadorndeja, P., Glawe, U., Asanprakit, A., and Prempramote S. 2005. Enhanced electrokinetic stabilization of the soft Bangkok clay. In the Proceedings of 15th Conference on Engineering Geology in Erlangen, 6–9 April 2005, Erlangen, Germany: In print

1. Asavadorndeja, P. and Asanprakit, A. 2004. Electrokinetic remediation of Zn(II) contaminated soft Bangkok clay. In the Proceedings of 5th Symposium on Soil/Ground Improvement and Geosynthetic (5ISSIG), 2–3 December 2004, Bangkok, Thailand: 38–49

1. Asavadorndeja, P. and Glawe, U. 2004. Preliminary investigation into electrokinetic remediation technologies in the soft Bangkok clay. In the Proceedings of 15th Southeast Asian Geotechnical Conference (15th SEAGC), 22–26 November 2004, Bangkok, Thailand: 653–658

1. Kim, S.R., Khan, M. R. A., Asavadorndeja, P., Oh, E. Y. N. and Balasubramaniam, A. S. 2004. Failure states for normally and overconsolidated soft Bangkok clay. In the proceedings of 15th Southeast Asian Geotechnical Conference (15th SEAGC), 22–26 November 2004, Bangkok, Thailand: 37–42

1. Glawe U., Czurda K., Alamgir M., Brandl H., Moser M. & Asavadorndeja, P. 2003. Educating geoenvironmental engineers for Asia. In the Proceedings of International Conference on Geoenvironmental Engineering, 7–8 December 2003, Singapore: 123–

Ongoing and Completed Projects
N/A

Awards and Honors
Chin Fung Kee Prize, award in recognition of the most outstanding academic performance among students in soil engineering, 2001

Professional Affiliations
Council of Engineering (COE) - Member

Research Keywords
Offshore engineering, Subsea Engineering

- Asian Institute of Technology
  School of Engineering and Technology
  P.O. Box 4, Klong Luang,
  Pathumthani 12120, Thailand

- Tel: +66 (0) 2524-6054
  Fax: +66 (0) 2524-6432

  Email: deanset@ait.ac.th