

Minh A Nguyen

C.Eng M.I.C.E, Principal Specialist

[London, Greater London, United Kingdom](#)
[Oil & Energy](#)

[Current](#)

1. [CB&I](#),
2. [Institution of Civil Engineers](#),
3. [Asian Institute of Technology](#)

[Previous](#)

1. [DNV Group \(Det Norske Veritas\)](#),
2. [Atkins](#),
3. [Imperial College London](#)

[Education](#)

1. [Imperial College London](#)

Summary

I have 21 years of experience in the design, consultancy and construction. Previously I worked for DNV, whom specialises on verification/certification for the O & G industry. I've extensive record in the technical oversight, resolving both engineering and practical issues from tendering, conceptual design, FEED to EPC on many multi-disciplinary and large scale projects both in the UK and overseas. Currently I'm acting as Deputy Chair for the ICE Geotechnical Engineering Journal Editorial Panel, the Co-chair for the upcoming Themed Issue on Energy Geotechnics (2017) and Adjunct Visiting Professor for the AIT Geotechnical Master programme in Vietnam.

Selected experience in geotechnics:

- Liquefaction analysis, geohazards, foundation dynamics, and design of marine foundations
- Site characterization, including GI and interpretations of advanced lab & in-situ tests

Experience



[Principal Specialist](#)

[CB&I](#)

December 2014 – Present (1 year 11 months)the point, paddington, london w2

Deputy Chair, Geotechnical Engineering Advisory Panel

Institution of Civil Engineers

January 2013 – Present (3 years 10 months) London, United Kingdom

Editorial Panel Member (2013-2016)

Visiting Lecturer

Asian Institute of Technology

October 2011 – Present (5 years 1 month) Thailand

Visiting Adjunct Professor for the AIT-CV's Master course on Geotechnical Engineering



Reviewer, ICE GE Journal

Institution of Civil Engineers

November 2011 – Present (5 years) London, United Kingdom

Review of papers submitted for publication



Senior Engineer

DNV Group (Det Norske Veritas)

July 2013 – November 2014 (1 year 5 months) London, United Kingdom

Verify works relating to worldwide offshore structure and pipeline projects. Develop geotechnical capabilities within the DNV LAC and collaborate with Oslo and other offices.



Senior Geotechnical Engineer

Atkins

October 2006 – June 2013 (6 years 9 months)

Project Manager and Lead Geotechnical Engineer

Research Student

Imperial College London

2002 – 2006 (4 years)

Carrying out research on the anisotropic stress-strain-strength of natural London Clay using advanced field sampling and laboratory techniques

(Open)1 honor or award

Lecturer

Civil Engineering Dept, Hanoi Architectural University HAU

November 1995 – September 2002 (6 years 11 months)Hanoi, Vietnam

Lecturing on Soil Mechanics and Foundation Engineering subjects for undergraduate students. Being in charge of the university soil mechanics laboratory

Certifications

Chartered Engineer

ICE, License 604663

Starting June 2013

Registered Ground Engineering Specialist(Link)

UK Register of Ground Engineering Professionals (RoGEP), License 51522035

Starting October 2013

Publications

On the control systems and instrumentation required to investigate the anisotropy of stiff clays and mudrocks through Hollow Cylinder Tests

IS-Seoul 2011, 5th Intl Symposium on Deformation Characteristics of Geomaterials

September 2011
4 authors



Minh A. Nguyen

C.Eng M.I.C.E, Principal Specialist



[Richard Jardine](#)

Deputy Head of Civil Engineeri and Professor at Imperial College



Akihiro Takahashi



satoshi nishimura

[Large displacement interface shear between steel and granular media\(Link\)](#)

Geotechnique, Vol 61, No. 3, p. 221-234

November 2010

A systematic study is reported of the behaviour of graded silica sands and a silica rock flour silt, sheared against steel interfaces. Ring shear experiments investigated the influences of interface position, displacement scale, normal stress level and particle size distribution on ultimate interface friction angle, δ'_{cv} . Grain crushing is shown to play an important role within a concentrated...[more](#)

3 authors



[Minh A Nguyen](#)

C.Eng M.I.C.E, Principal Specialist



[Richard Jardine](#)

Deputy Head of Civil Engineeri and Professor at Imperial College



T. Y Ho

[Characteristics of the London Clay from the Terminal 5 site at Heathrow Airport\(Link\)](#)

February 1, 2007

The innovative engineering approach adopted for the new Terminal 5 at Heathrow Airport called for an advanced investigation of the London Clay strata, including detailed in situ profiling and stress path laboratory testing on high-quality rotary-cored samples. Although the scope of the investigations exceeded that normally specified for conventional design, questions relating to the structure and...[more](#)

(Open)6 authors, including:



[Minh A Nguyen](#)

C.Eng M.I.C.E, Principal Specialist



[Hight David](#)

Consultant at Geotechnical Consulting Group



Satoshi Nishimura



[Matthew Coop](#)

Chair Professor at City University of Hong Kong

The stiffness of natural London Clay

Geotechnique, Vol. 57 No. 1 p. 33-47

February 2007

An investigation of natural London Clay is reported involving advanced triaxial, hollow cylinder apparatus (HCA) and dynamic testing techniques. Significant anisotropy was revealed at all scales of deformation, and the framework of cross-anisotropic elasticity was found to apply broadly to the initial elastic behaviour. The stiffness parameters obtained by independent techniques generally
...[more](#)

(Open)5 authors, including:

Shear strength anisotropy of natural London Clay

Geotechnique, Vol. 57 No. 1 p. 49-62

Languages

1. French

Honors & Awards

Bishop Medal for Best Geotechnical Research, ICE

Institution of Civil Engineer

September 2007

Education

Imperial College London

Doctor of Philosophy (PhD), [soil mechanics](#)

2002 – 2006



Research

PhD Abstract - Nguyen Anh Minh - DIC

Asian Institute of Technology

Master of Engineering (MEng), [Geotechnical and Geoenvironmental Engineering](#)

1997 – 1999

Receipient of Japanese Government Scholarship at AIT and EU-funded research project at Surrey University in 1998-1999

[Hanoi Architectural University](#)

Bachelor of Engineering (BEng), [Civil Engineering](#)

1990 – 1995

Graduated 1st class and recipient of Indochina Award - Ministry of Civil Engineering of Vietnam in 1995