



CURRICULUM VITAE

Shukri bin Maail

**B. Sc. (Civil Eng.) (University of Nottingham),
M.S. (Soil Mechanics) (Imperial College, University of London).**



**Civil Engineering Department
Faculty of Engineering
Universiti Putra Malaysia
43400 UPM Serdang**

Tel: 603-8946 6385, Fax: 603-8656 7129

E-mail: shukri@eng.upm.edu.my

SUMMARY

Shukri Maail is currently a lecturer in the Department of Civil Engineering, Faculty of Engineering, Universiti Putra Malaysia, and teaches courses in the field of Geotechnical Engineering. He joined UPM in 1981 as a tutor and appointed lecturer in 1985.

His secondary education was at the Sultan Yahya Petra Secondary School, Kuala Krai, Kelantan before he went to the Malay College Kuala Kangsar. He completed his A-level at the Southampton Technical College, before obtaining his undergraduate degree in the field of Civil Engineering from the Nottingham University. He later completed his Master of Science degree in Soil Mechanics from the Imperial College, London University.

Besides teaching, he is involved in research and consultancy works. His main research interest is in the strength properties of tropical residual soil and its influence on stability of steep cut-slope. His other research areas are on interpretation of pile tests, site investigations and geotechnical field instrumentations.

He has co-authored a number of books in soil mechanics and foundation engineering and has published and presented a number of technical papers on his favourite subject.

1. NAME

Shukri bin Maail

2. PERSONAL INFORMATION

Date of Birth: 7th January 1957
Place of Birth: Kelantan, Malaysia.
Race: Malay

Sex: Male
Age: 50 years
I/C no: 570107-03-5313

3. POSITION AND ADDRESS

Lecturer
Civil Engineering Department
Faculty of Engineering
Universiti Putra Malaysia
43400 UPM-Serdang
Malaysia
Tel: 03-8946 6385
Fax: 03-8656 7129
E-mail: shukri@eng.upm.edu.my

4. EMPLOYMENT/WORKING EXPERIENCE

Post Held	Employer	Duration
UPM, Tutor	Faculty of Engineering, UPM	Jul. 81– Sep. 85
UPM, Lecturer	Faculty of Engineering, UPM	Oct. 85- Current

5. ACADEMIC QUALIFICATION

School

Name of School	Certificate Obtained	Year Obtained
Sultan Yahya Petra Secondary School, Kuala Krai, Kelantan.	Lower Certificate of Education	1973
Malay College Kuala Kangsar, Perak.	Malaysian Certificate of Education (O level)	1975
Southampton Technical College, Southampton, England.	General Certificate of Education (A Level)	1978

Institution of Higher Learning

Name of Institution	Qualification Obtained	Area of Specialisation	Year
University of Nottingham, Nottingham, England	Bachelor of Science (Hons)	Civil Engineering	1981
Imperial College, University of London, London	Master of Science & Diploma of Imperial College (DIC)	Soil Mechanics	1985
University of Nottingham, Nottingham, England	Bachelor of Science (Hons)	Civil Engineering	1981

Title of Thesis

Masters	Comparison Of Methods Of Calculating Settlement Of Shallow Foundations On Sands
PhD	none

6. PROFESSIONAL MEMBERSHIP AND AFFILIATION

Name of Affiliation	Year
Board of Engineers, Malaysia	21 st October 1994

7. AWARDS AND HONORS

Awards / Honors	Year
JSPS-VCC, JSPS	1994
JSPS-VCC, JSPS	1995/96
JSPS-VCC, JSPS	2004

8. LANGUAGE PROFICIENCY

Bahasa Malaysia
English

9. TEACHING EXPERIENCE

Academic Courses

Course Title	Code	Credits	Level	Institution
Soil Mechanics I	KAW3312	3	Undergraduate	UPM
Soil Mechanics II	KAW 3313	3	Undergraduate	UPM
Foundation Engineering	KAW 3314	3	Undergraduate	UPM
Shear Strength of Soil	KAW 4311	3	Undergraduate	UPM
Shear Strength and	KAW 4301	3	Undergraduate	UPM

Deformation of Soil			& MS	
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Non-academic Courses

Course Title	Organizer	Location	Duration	Year
Earthwork Seminar	INSPEN	INSPEN, Bangi	1 day	1999
Site Investigation	INSPEN	INSPEN, Bangi	1 day	2000
Earthwork and Pile Design for Technician	LKIM	Kuala Terengganu	1 day	2000

10. PROFESSIONAL EXPERIENCE/CONSULTANT

Title	EIA study for Putrajaya Administrative Centre
Position	Consultant
Sponsor	Department of Environment
Location	Putrajaya
Date	1995

Title	EIA study for Mixed Development in Ulu Yam Baru
Position	Consultant
Sponsor	
Location	Ulu Yam, Rawang
Date	1995

Title	Field Testing of Compacted fill in KLIA
Position	Consultant
Sponsor	Manggamas Sdn. Bhd
Location	KLIA
Date	1996

Title	Design of Foundation System for the KLIA Engineering Complex
Position	Consultant
Sponsor	Majid & Associates
Location	KLIA
Date	1996

Title	Feasibility Study of Raising Timah Tasoh Dam
Position	Consultant
Sponsor	JPS
Location	Timah Tasoh Dam, Perlis
Date	1996

Title	Monitoring of Slope Movement at Gunung Tempurung Rehabilitation works
Position	Consultants
Sponsor	PLUS

Location	Gunong Tempurung, Ipoh
Date	1997

Title	Assessment of Landfill in Wilayah Persekutuan Kuala Lumpur
Position	Consultant
Sponsor	DOE
Location	Kuala Lumpur
Date	1997 - 1999

Title	Evaluation of Slope Stability at Taman Universiti, Seri Kembangan
Position	Consultant
Sponsor	Resident's Association
Location	Taman Universiti
Date	1998

Title	Geotechnical Evaluation of an UDA building on Jalan Tun H S Lee
Position	Consultant
Sponsor	Ingeniur Ikhtisas Sdn Bhd
Location	Kuala Lumpur
Date	1999

Title	Design of Sheetpile system for the Melaka LKIM jetty.
Position	Consultant
Sponsor	LKIM
Location	Melaka
Date	2000

Title	Audit of Foundation System for Universiti Teknologi Petronas
Position	Consultant
Sponsor	Majid & Associates
Location	Teronoh, Ipoh
Date	2001

Title	Design of Foundation System for Perumahan Rakyat Bukit Jalil
Position	Consultant
Sponsor	KPKT, Majid & Associates
Location	Bukit Jalil
Date	2001

Title	Design of Sheetpiles and Ground Improvement for LKIM jetty at Tok Bali, Kelantan
Position	Consultant
Sponsor	LKIM, Perunding Sinar
Location	Tok Bali
Date	2002

Title	Geotechnical Assessment of Jalan Tegayong road, Bachok
Position	Consultant
Sponsor	Perunding Sinar

Location Bachok, Kelantan
Date 2003

Title Geotechnical Assessment of Ground Profile at Pasar Temu Puchong
Position Consultant
Sponsor
Location Puchong
Date 2003

Title Geotechnical assessment of Bungalow Lot 3146 & 3150 ,Bukit Damansara, KL
Position Consultant
Sponsor Majid & Associates
Location Mukim Batu, Bukit Damansara, Kuala Lumpur
Date 2004

Title Audit of Shore Protection design of LKIM Jetty in
Position Consultant
Sponsor Perunding Sinar
Location Tok Bali, Pasir Puteh, Kelantan
Date 2005

Title Detail EIA team for RDF recycling plant – assessment of geotechnical design and mitigation of soil erosion
Position Consultant
Sponsor Recycle Energy Sdn. Bhd
Location Semenyih, Mukim Hulu Langat
Date 2005

Title Projek Lebu Raya Pantai Timur Fasa 2 – Geotechnical and Foundation Design.
Position Consultant
Sponsor Majid & Associates
Location Kuantan to Kuala Terengganu
Date Oct. 2005 - present

11. RESEARCH ACTIVITY

Research Completed

No.	Year	Topic	Sponsor	Responsibility
1.	2002	Slopes in Residual Soil	JSPS	Member
2.	2001	Use of Small Pressuremeter for Soft Soil	IRPA	Member
3.	2001	SMA pavement design	IRPA	Member

Ongoing Research

No.	Year	Topic	Sponsor (Amount)	Responsibility
1.	1999-2004	Assessment of Stability of cut-slope in Residual Soil	IRPA (RM 197000)	Project Leader
2.	2002-2005	Affordable Quality Housing – Foundation Design	CIDB (RM 25000)	Member
3.	2005-2007	Stabilisation of Peat soil	IRPA (RM 100000)	Member

12. SUPERVISION OF STUDENTS

Post-Graduate

No.	Year	Student and Projects Titles	Level	Status
1.	2002	Bobby Soon, <i>Experimental Study of Sheet Erosion on Slopes</i>	MS	Completed
2.	2000	Jasmin a/l Ambrose, The Development of an Algorithm to Determine Axial Capacity of Piles from SPT N-values	MS	Examiner
3.	2000	Isharudin Md Isa, Establishment of Vegetation on Exposed Carbonaceous Shale from Cut-slope	MS	Examiner
4.	2000	Juraidah Ahmad, Diametrical and Axial Indirect Tensile Testing using H-Ometer on a weak rock model and its Finite Element Simulation	MS	Examiner
5.	2000	Aziman Madun, Effect of Discontinuities on the slope failures at Pos Slim a highway	MS	Examiner
6.	2000	Wong Khien Ngie, Factors Affecting the Engineering Behaviour of Renolit Modified Soil-cement	MS	Examiner
7.	2000	Azura Ahmad, Experimental & simulation of tensile strength test of weathered mudstone	MS	Examiner
8.	2000	Ahmad Zaidi Hj. Hamden, H-Ometer application in compacted soil	MS	Examiner

13. PUBLICATIONS

a. Books

Main Author	Bujang Kim Huat
Co-Author	Ahmad Jusoh, Shukri Maail
Year	1989

Title of Book	Pengenalan Mekanik Tanah
Publisher	DBP
No. of Pages	

Main Author	Bujang Kim Huat
Co-Author	Faizal Ali, Shukri Maail
Year	2002
Title of Book	Kejuruteraan Geoteknik
Publisher	Penerbit UPM
No. of Pages	373

Main Author	Bujang Kim Huat
Co-Author	Shukri Maail, Azlan Abdul Aziz
Year	2002
Title of Book	Kejuruteraan Asas
Publisher	Penerbit UPM
No. of Pages	230

Main Author	Bujang Kim Huat
Co-Author	Shukri Maail
Year	2003
Title of Book	Geoteknik: Contoh Masalah dan Penyelesaian
Publisher	Penerbit UPM
No. of Pages	210

Main Author	Bujang Kim Huat
Co-Author	Shukri Maail
Year	2003
Title of Book	Teori Kekuatan Ricih dan Ubahbentuk Tanah Kejuruteraan
Publisher	Penerbit UPM
No. of Pages	124

b. Book Chapters

Main Author	Shukri Maail, (),2004, Balkema, London.
Title of Chapter	Index, engineering and Classification of Tropical Residual Soils (Chapter 3)
Co-Author	Bujang Kim Huat & Suhaimi Jamaludin
Year	2004
Title of Book	Tropical Soils Residual Engineering (eds: Huat, See-Sew & Ali)
Publisher	Balkema
No. of Pages	

c. Journals

d. Conference Proceedings

Main Author	Shukri Maail
Co-Author	-
Year	1987
Title of Article	Comparison of Methods of calculating Foundation Settlements

Title of Proceedings	on Sands. Fourth South East Asian Geotechnical Conference
Editors	Subramaniam
Place of Publication	Bangkok
Publisher	
Pages	
Main Author	Shukri Maail
Co-Author	Husaini Omar, David Lloyd
Year	2002
Title of Article	Monitoring of slope movement during remedial works
Title of Proceedings	Fourteenth South East Asian Geotechnical Conference
Editors	
Place of Publication	Hong Kong
Publisher	
Pages	
Main Author	Shukri Maail
Co-Author	Rosely Abdul Malek
Year	2002
Title of Article	Interpretation of Pullout pile test using Chin Fung Kee's method
Title of Proceedings	Second World Engineering Congress: Geotechnical and Transportation
Editors	Bujang Kim Huat, Megat Johari Megat Mohd Nor
Place of Publication	Kuching, Serawak
Publisher	
Pages	
Main Author	Omar H et.al
Co-Author	Fauzi I M, Radhi S.M, Aziz A.A, Ishak S.M, Maail Shukri.
Year	2004
Title of Article	Rainfall induced landslide at Pos Slim Highway
Title of Proceedings	Proc. of the Malaysia-Japan Symposium on Geohazards and Environmental Engineering Recent Advances,
Editors	Masashi Kamon & Ibrahim Komoo
Place of Publication	Bandar Baru Bangi.
Publisher	UKM & Kyoto University
Pages	228
e. Unpublished Material	
Main Author	Bujang Kim Huat
Co-Author	Shukri Maail, Azlan Abdul Aziz
Year	1987
Title of Material	Kerja-kerja Amali Makmal Mekanik Tanah (Departmental monograph)
Place of Publication	Civil Engineering Department
Institution	UPM
No. of pages	90
Main Author	Shattri Mansor

Co-Author	Shukri Maail
Year	1987
Title of Material	Panduan Kerja Luar Kajiukur (Departmental monograph)
Place of Publication	Civil Engineering Department
Institution	UPM
No. of pages	

Main Author	Bujang Kim Huat
Co-Author	Shukri Maail, Azlan Abdul Aziz
Year	1987
Title of Material	Kejuruteraan Asas (Departmental monograph)
Place of Publication	Civil Engineering Department
Institution	UPM

Main Author	Bujang Kim Huat
Co-Author	Shukri Maail, Ahmad Jusoh
Year	1988
Title of Material	Pengenalan Mekanik Tanah (Departmental monograph)
Place of Publication	Civil Engineering Department
Institution	UPM
No. of pages	

Main Author	Bujang Kim Huat
Co-Author	Shukri Maail
Year	1988
Title of Material	Teori Kekuatan Ricih dan Ubah-bentuk Tanah(Departmental monograph)
Place of Publication	Civil Engineering Department
Institution	UPM
No. of pages	

Seminars

a. Seminar Presented

Main Author	Shukri Maail
Co-Author	Rosely Abdul Malek
Year	2002
Title of Article	
Title of Seminar	Second World Engineering Congress
Organiser	Faculty of Engineering, UPM
Location	Kuching, Serawak
Dates	July 2002

Main Author	Shukri Maail
Co-Author	-
Year	2000
Title of Article	Geotechnical Research in UPM
Title of Seminar	Workshop on Slope Design through Residual Soil
Organiser	IKRAM and DFID (UK)
Location	IKRAM, Bangi
Dates	November 2000

Main Author	Shukri Maail
Co-Author	Che Azhar Che Daud
Year	2000
Title of Article	Interpretation of Soil-nail test using Chin Fung Kee's method
Title of Seminar	Research Workshop of Geotechnical Engineering and Geological Engineering Unit.
Organiser	Geotechnical Engineering and Geological Engineering Unit, Department of Civil Engineering, UPM
Location	IOI Hotel, Putrajaya
Dates	November 2000

Main Author	Shukri Maail
Co-Author	-
Year	1999
Title of Article	Landfill study: Borehole construction and Settlements
Title of Seminar	Workshop on Disposal of Solid Waste through Sanitary Landfills - Mechanics, Process, Potential Impacts and Post-closure Management
Organiser	Centre of Environmental Technology and Natural Resources Management, UPM
Location	CETNRM, Department of Environmental Science, UPM
Dates	Oct 1999

Main Author	Shukri Maail
Co-Author	-
Year	1999
Title of Article	Introduction to Earthwork
Title of Seminar	A short- course on Earthwork
Organiser	INSPEN
Location	INSPEN, Bangi
Dates	June 1999

14. SEMINAR / CONFERENCE / COURSE ATTENDED

No.	Seminars/courses/congress	Status	Dates
1	Bengkel R&D dan Komersiliasasi IRPA, RMC, UPM, Hotel Equatorial, Bandar Baru Bangi	Participant	29th August 2000
2	Workshop on Slope Design through Residual Soil, IKRAM and DFID (UK), IKRAM	Participant	22nd November 2000
3	Research Workshop of Geotechnical Engineering and Geological Engineering Unit, UPM, Geotechnical Engineering and Geological Engineering Unit, UPM, IOI Hotel, Putrajaya.	Participant	26th November 2000
4	Seminar and Exhibition on Building on Geosynthetics, Kuala Lumpur	Participant	30 June – 01 July 2004

5	A short course on Geotechnical Aspects of Subgrade Material in Road construction – by Prof. Vern Schaffer, Iowa SU, USA. UPM	Participant	16 July 2004
6	Bengkel Semakan Kurikulum Kejuruteraan Awam, Putrajaya	Participant	9 –11 August 2004
7	A Course towards Successful Research, UPM	Participant	7 –8 Sep. 2004
8	Malaysia-Japan Symposium on Geohazards and Environmental Engineering Recent Advances, Bandar Baru Bangi.	Chairperson & Participant	13 –14 Dec. 2004

15. ADMINISTRATIVE DUTIES

1.	Ketua, Unit Kejuruteraan Geoteknik dan Kejuruteraan Geologi	2004 -