

## BRIEF CV



### **Eris Elianddy Supeni**

Department of Mechanical and Manufacturing Engineering, Universiti Putra Malaysia  
43400 UPM, Serdang MALAYSIA  
Tel : 03-8946 6333 Fax: 03-8656 7122  
E-mail : eris@eng.upm.edu.my

**Areas of interest:** Indoor Air Quality & Sustainable Energy in Buildings



### **Academic Qualification:**

- M.Sc. (Mechanical Engineering), Universiti Putra Malaysia
- B.Eng. with Honours in Mechanical Engineering, University of Salford, United Kingdom.

### **Professional Qualification/ Membership/ Affiliation:**

- Graduate Member, Institution of Engineers (IEM), Malaysia
- Graduate Member Board of Engineer (BEM) , Malaysia

### **Appointments:**

Feb 2005 to date	Lecturer, Mechanical and Manufacturing Engineering Department, Faculty of Engineering, UPM
2000 –2004	Tutor, Mechanical and Manufacturing Engineering Department, Faculty of Engineering, UPM

### **Areas of Interest:**

Indoor Air Quality in Building Offices  
Ventilation in Building Office and Commercial Buildings  
Sustainable Energy In Buildings  
Thermodynamics, Fluid Mechanics, Advanced Fluid Mechanics, Internal Combustion Engines

### **Research Topics (Project Leader);**

Year	Topic/ Sponsor	Amount (RM)
2006-2008	Development of Composite Index to Evaluate Car Park for Malaysian Condition	RM10,700,
2007-2009	The Impact Of Indoor Air Quality On Longevity Of Building	RM202,700

### **Student Supervision**

- 6 MS ERP projects –all completed
- 11 BE projects – all completed

## Publications:

### Journals

1. E.E. Supeni, M.M Megat Hamdan, M.S. Salit, and N.M. Adam and M.Y. Ismail "Heating Value Evaluation for Palm Oil Boiler Fuel" Journal of Chemical Engineering & Environmental Vol. 3 No. 1 pp.8 to pp.13 Aceh, Indonesia, 31 July 2004. ISSN: 1412-5064
2. .E.E. Supeni, M.M. Megat Hamdan, M.S. Salit, N.M. Adam M.Y. Ismail and M.R. Thoguluva and T.G. Chua "An Experimental Investigation to Evaluate Calorific Value of Palm Oil Waste" International Green Energy Conference Journal (IGEC), Waterloo, Ontario, Canada, June 12-16, 2005.
3. E.E. Supeni, M.M. Megat Hamdan, M.S. Salit, N.M. Adam M.Y. Ismail Evaluation of the Heating Value of Palm Oil Waste by Calorimetry- A Review Mechanical Engineering Research Journal Vol. 4 (2006) Chittagong University of Engineering & Technology,
4. K.S. Syatirin, E.E. Supeni, and N.M. Adam Rating on Users' Requirements of Malaysian Basement Car Parks Journal Building and Environment (Elsevier) submitted for reviewed 2008

### Conferences

1. E.E. Supeni, M. M. Megat Hamdan, M.S. Salit, and N.M. Adam "*Determination of Heating Value for Palm Oil of Biomass*" World of Engineering Congress (WEC) Conference. Kuching, Sarawak, July 2002.
2. N.M. Adam , KC Tiong, A.M. Leman and E.E. Supeni "*Compliance Of Noise Code On Board Vessels Calling At Bintulu Port*", Malaysia Seminar on Safety 2005
3. 4.N.M. Adam, M.Z.M. Nor, A.M. Leman and E.E. Supeni "Development Of Expert System For Hazardous Chemicals In Malaysia" Seminar on Safety 2006 , Kuching
4. N.M Adam and E.E. Supeni "Indoor Environmental Quality for Residences in Klang Valley" World Housing Congress, 2007 Batu Burok Terengganu
5. N.M Adam , Fuad Abas and E.E. Supeni "UPM's Contribution Towards Disaster Management" IEM article Feb 2007
6. E.E. Supeni and N.M Adam "Design Life of Building by Indoor Environment Performance" 30-MAY-2006 ERP Conference
7. M.A. Awang, N..M. Adam, E.E. Supeni "Noise Exposure Mapping In Shopping Complexes Using Geospatial Technology" ERP Conference 2007

## Awards & Recognitions:

1. Article Reviewer of Seminar on Engineering and Technology SET 4-6 Sept 2006
2. Article Reviewer of Seminar International Journal of Engineering and Technology 2007
3. Speaker of Emergency Response Training Program for Bank Negara Malaysia Staff 2006
4. Speaker of Communication during Emergency Response and Planning in Building di IEM
5. Committee Member of Integrated Training Manual on Green Productivity and Occupational of Asia Pacific Organisation

## Professional Training Attended

### 2006

	Location	Date
1 Workshop Research OBE KMP	Palm Garden	7/2/2006
2 Workshop Learning Outcomes Initiative 1	FEM,UPM	21/02/06
3 High Performance Engine Tuning Course	AEROTECH,Nilai	17/03/06
4 Workshop Learning Outcomes Initiative 2	Institut Biosains	28/03/06
5 Workshop Providing Quality Postgraduate Supervision	FBMK/UPM	5/6/2006
6 Fluid Mechanics Short Course	Fluid Mechanics	3/7/2006
7 Ventilation, IAQ and Energy in Hot Humid Climate Forum	IEM, PJ	22/06/06
8 International Symposium & Exhibition on Sustainable Energy & Environment	Hotel Maya KL	4/12/2006

### 2007

1 Asia Productivity Organisation Integrated Training Manual on Green Productivity and Occupational	ITMA	26/1/07
2 Team Building	Port Dickson	20/11/07
3 Mastic (Ministry of Science Technology Information Centre) Clinic	UPM	19/2/07
4 Workshop on Research International Publishing 2007	UPM	31/10/07
5 Evaluation of Efficiency Level 3	INSPEN	26/11/07
6 Workshop on Ergonomic and Safety at Workplace	Famosa Resort	