


DIMENSION PUBLISHING SDN. BHD. (449732-T)

Suite 29, 3A Floor, IOI Business Park,
1 Persiaran Puchong Jaya Selatan, Bandar Puchong Jaya,
47100 Puchong, Selangor Darul Ehsan, Malaysia.
Tel : (603) 8070 9949 Fax : (603) 8070 0047
Email : info@dimensionpublishing.com

Chairman

ROBERT MEBRUER

Publisher

PATRICK LEUNG
patrick@dimensionpublishing.com

Associate Publisher

GARY WONG
gary@dimensionpublishing.com

Contributor/Editor

ADAM LEE
editor@dimensionpublishing.com

Advertising Manager

VENUS WONG
venus@dimensionpublishing.com

Advertising Executive

AMANDA YAP
amanda@dimensionpublishing.com

Advertising Executive

SHARON LEE
sharon@dimensionpublishing.com

Graphic Designer

LIEW CHIAW CHING
art@dimensionpublishing.com

Finance and Administration Manager

SHIRLEY THAM
admin@dimensionpublishing.com

BULETIN IEM

The Institution and Dimension are not responsible for any statements made or opinions expressed by the writers or reporters in its publication.

The Editorial Board reserves the right to edit all articles contributed for publication.

Jurutera Monthly Circulation: 15,000 copies

READER'S CONTRIBUTION INVITED

We invite members and others to submit comments and articles for publication in the Bulletin.

Please send your contribution to the
Chief Editor,

The Institution of Engineers, Malaysia
Bangunan Ingenieur, Lots 60 & 62,
Jalan 52/4, Peti Surat 223 (Jalan Sultan),
46720 Petaling Jaya, Selangor.

Tel: 03-7968 4001/2

E-mail: pub@iem.org.my

IEM Home Page: http://www.iem.org.my

Secretariat: Puan Aziah/Puan Nurul

© 2005 The Institution of Engineers, Malaysia &
Dimension Publishing Sdn. Bhd.

Printed by :

LASER PRESS SDN. BHD. (193812-V)
83, Jalan PJS 3/4

Taman Medan, 46000 Petaling Jaya
Selangor, Malaysia.

Tel : 603-7785 9171 (3 Lines) Fax : 603-7785 9120

CONTENTS

EDITORIAL

Heritage, Tourism and Engineering Legacy 5

COVER STORY

The Design and Construction of the World's Largest Surf Pool 8

FEATURES

The Engineer's Role in Tourism Development 12

Engineering and Tourism – Local Opportunities 14

Feng Shui and Buying a House 20

Shear Strength Due to Unsaturated Conditions for Vacuum Consolidation Works 30

REPORTS

G&S Report August – September 2006 42

FEIC Seminar on Engineering and Technology 2006 45

Technical Visit to Bukit Tagar Sanitary Landfill 48

Report on the GSM-IEM Oktoberforum 2006/Seminar on Geotechnical Works in KARST in South East Asia, Hong Kong 52

Donation of Books from ICE 53

Talk on "The World of Industrial Refrigeration" 54

BLUE PAGES

Membership 1

IEM Diary / Conference & Seminar 11

Announcement 12

Report on Talk on Engineering in Peat Soil 13

Report on METD Delegation Bangkok Visit 14

2007 Tentative Planner 15

Book Selection of the Month 16

UPCOMING THEMES FOR JURUTERA 2006:

January 2007
Bio-Technology

February 2007
Waste Management

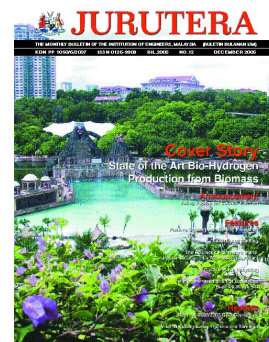
March 2007
Disaster Management

**IEM Wishes All IEM Members
and Readers
"Merry Christmas and Happy
New Year 2007"**

For advertisement placements and subscriptions, please contact:

DIMENSION PUBLISHING SDN. BHD.

at +603 8070 9949, or e-mail info@dimensionpublishing.com



Cover image:
A view of the
wave pool at the
Sunway Lagoon
Theme Park