



## SIXTH MEETING ANOTHER HIGHLY SUCCESSFUL AND WELL-ATTENDED EVENT

The 6<sup>th</sup> Meeting of the Heads of Road Authorities (HORA), held in Gyeonggi-do, Korea on May 9 & 10, 2007 has been successfully concluded with the attendance of 66 delegates from 13 countries.

Two ministers, one deputy minister, one assistant minister and 13 heads of road authorities were among the delegates who attended the two-day HORA meeting. The 13 participating countries are Australia, Brunei, Indonesia, Japan, Korea, Malaysia, New Zealand, Pakistan, the Philippines, Singapore, Sri Lanka, Thailand, and Vietnam. The meeting was hosted by Korea and jointly organised by the Korea Road and Transportation Association, KRTA and the REAAA Korean Chapter with the support of the Korean Department of Construction & Transportation.



Among the dignitaries attending the opening session of the 6<sup>th</sup> HORA meeting are (from right on the main table) the Assistant Minister of Construction and Transportation, Korea, Mr. Hae-Sung Hwang, the Minister of Highways, Pakistan, Mr. Muhammed Shamim Siddiqui, President of Korea Road and Transportation Association and Korea Expressway Corporation, Mr. Hak-Lae Son, REAAA President, Dr. Kyong-Soo Yoo, the Minister for Communications, Sri Lanka, Mr. T B Ekanayake and the Undersecretary of the Philippines Public Works and Highways, Mr. Bashir Rasuman;

The 6<sup>th</sup> HORA meeting focused its attention on one topic 'Disaster Risk Management' which has generated great interest among the delegates. Two main papers on the same topic, one by Malaysia and another by Korea, were presented, sharing with HORA delegates, their experiences and ideas on the issue. Following the two presentations, the delegates were divided into seven groups to debate the topic further and to produce a record of recommendations, solutions and actions plans.

To take follow-up actions on the recommendations and action plans, it has been agreed that a working committee be set up. The formation of this working committee is one of the positive outcomes of the 6<sup>th</sup> HORA meeting. Each committee member is responsible for coordinating the retrieval of relevant information applicable to their region.

Members of the working committee are expected to be invited to attend its first committee meeting scheduled to be held in November 2007 in Kuala Lumpur in conjunction with the 84<sup>th</sup> meeting of the REAAA Governing Council.



### 84<sup>th</sup> MEETING

Malaysia is to host the 84<sup>th</sup> Meeting of the REAAA Governing Council scheduled to be held in November 2007.

The dates are tentatively fixed for 22 & 23 November.



### 7<sup>th</sup> MEETING

Japan is ready to host the 7<sup>th</sup> Meeting of the Heads of Road Authorities (HORA) scheduled for 2008.

The format and other details are being planned by the organizers in Japan. More information will be provided soon.



## The Governing Council for the 13<sup>th</sup> Council Term

### President

Dr. Kyong-Soo Yoo

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(Dr. Chin Kian Keong)

China Road Federation, Taiwan

(Mr. Jin-Yuen Chen)

RSEA Engineering Corporation, Taiwan

(Mr. Ching-Ping Shen)

Roads Association of Thailand

(Mr. Tavepatana Tinamas)

### Co-Opted Council Members

Mr. Han Joke Kwang (Malaysia)

Mr. Kieran Sharp (Australia)

Dato' Dr. Dennis Ganendra (Malaysia)

Mr. Keon-Chang Cho (Korea)

## CHANGES IN COUNCIL MEMBER REPRESENTATIVES

Changes to the official representative of REAAA Council members have been proposed. The 83<sup>rd</sup> Meeting of the Governing Council in Gyeonggi-do, Korea on 10 May 2007 has been informed and accepted the changes.

Public Works Department Malaysia will be represented by its new Director General, Dato' Ir. Dr. Judin Abdul Karim to be one of REAAA's Vice Presidents, replacing Dato' Prof. Dr. Wahid bin Omar who has retired as the DG of PWD Malaysia. Dato' Ir. Dr. Judin has been appointed the Director General of the Public Works Department Malaysia since May 2007.



The Malaysian Highway Authority, MHA will be represented by its new Director General Dato' Ir. Haji Mohamad Razali bin Othman, replacing Dato' Haji Mohd Noor bin Yaacob who has been transferred to the Public Works Department as the Deputy Director-General II.

Dato' Ir. Haji Mohamad Razali assumed the new post since May 2007.

Korea Expressway Corporation (formerly known as Korea Highway Corporation) will be represented by the Chief Executive Officer of the Expressway & Transportation Technology Institute (ETTI) Korean Expressway Corporation, Mr. Kyung-Son Chung. Mr. Chung takes over from Mr. Tae-Ho Yoo.



The Road Engineering Association of Malaysia, REAM will continue to be represented by Tan Sri Dato' Ir. Wan Abdul Rahman Wan Yaacob, a Past President of REAM.

### EDITORIAL BOARD

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The Road Engineering Association of Asia & Australasia  
46 B, Jalan Bola Tampar 13/14, Section 13, Shah Alam, Selangor, Malaysia

### PRINTER

The Commercial Press Sdn. Bhd.  
No. 6, Jalan SR 4/18, Serdang Raya, 43300 Seri Kembangan, Selangor, Malaysia

## A FRUITFUL COUNCIL MEETING

The 83<sup>rd</sup> Meeting of the REAAA Governing Council has been successfully held on 10 May 2007 in Gyeonggi-do, Korea. The Meeting has been described as very fruitful as it has made several important decisions to further strengthen REAAA. It was attended by 22 Council members and two special guests.

The Meeting has adopted a proposal to strengthen the REAAA Secretariat with the objective of providing better services to its members. The REAAA Website will be re-designed, making it more informative and effective in achieving the goals set. The Post Conference Report of the 12<sup>th</sup> REAAA Conference held in Manila in November 2006 was also presented to the Council. Decisions were made on the Katahira Awards and its amended entry rules. The meeting was informed that funding for the Mino Roadshow has been approved and the workshops with the objective to transfer technology on road engineering will be held soon for countries in the Pacific as well as Vietnam. The Meeting accepted the proposal to name the most prestigious of the keynote address at each future REAAA Conference as `Mah Guan Seng Oration`, in honour of the contribution of the late Mr. Mah to REAAA.



*The 83<sup>rd</sup> Council Meeting being held in Gyeonggi-do, Korea to discuss various issues on REAAA*

These were among the salient points discussed and decided at the 83<sup>rd</sup> Council meeting. The Meeting, chaired by REAAA President, Dr. Kyong-Soo Yoo, was held at KINTEX in Gyeonggi-do, Korea in conjunction with the International Road & Traffic Expo.

Dr. Yoo on behalf of the Governing Council, before adjourning the meeting, extended his sincere thanks to the Ministry of Construction and Transportation, Korea; the Korea Road & Transportation Association, KRTA especially its President, Mr. Hak-Lae Son and the REAAA Korean Chapter under the leadership of Mr. Kwang-Ung Hwang.

Dr. Yoo also expressed his sincere gratitude and appreciation to Hyundai Construction, Daewoo, Samsung, POSCO, GS, KCI and Sambo Engineering Consultants and other companies and organizations for sponsoring the meetings and its associated activities, and others who have contributed directly or indirectly to the success of all the events.



## SIXTH MEETING

The 6<sup>th</sup> Meeting of the Heads of Road Authorities held in Gyeonggi-do, Korea on May 9 & 10, 2007 has been concluded successfully with positive results sharing among the HORA delegates, achieving the aims of organizing this meeting.



REAAA President, Dr. Kyong-Soo Yoo (3<sup>rd</sup> from right) chairing the 6<sup>th</sup> HORA Meeting

### • Well-Attended

Sixty-six delegates from 13 countries attended the 6<sup>th</sup> HORA meeting jointly organised and hosted by the Korea Road and Transportation Association, KRTA and the REAAA Korean Chapter with the support of the Korean Department of Construction & Transportation.

Among the dignitaries who graced the opening session were two ministers, one deputy minister, one assistant minister and 13 heads of road authorities. The Minister of Highways, Pakistan, Mr. Muhammed Shamim Siddiqui, The Minister for Communications, Sri Lanka, Mr. T B Ekanayake; Undersecretary of the Philippines Public Works and Highways, Mr. Bashir Rasuman; The Assistant Minister of Construction and Transportation, Korea, Mr. Hae-Sung Hwang, and Mr. Hak-Lae Son, President of Korea Road and Transportation Association and President of Korea Expressway Corporation.

The HORA Meeting was one of the concurrent events held in conjunction with the International Road & Traffic Expo 2007 at KINTEX, Gyeonggi-do, Korea. The Korean hosts and organisers have extended invitation to ministers in 15 countries in the region for them to attend and grace

the Expo and the HORA Meeting. 22 REAAA Council members were among the HORA delegates.

The 6<sup>th</sup> HORA meeting was chaired by REAAA President, Dr. Kyong-Soo Yoo. He said Korea was honoured to host and organize this meeting which again saw the active participation of heads of road authorities in this region.

The 13 participating countries are Australia, Brunei, Indonesia, Japan, Korea, Malaysia, New Zealand, Pakistan, the Philippines, Singapore, Sri Lanka, Thailand, and Vietnam.

### • Well Prepared

The HORA delegates were well-prepared for the meeting as they have been notified months earlier of the topic 'Disaster Risk Management' for discussions. An abstract on the topic, the format for the meeting together with the invitation letter and other relevant information have earlier been circulated to all the participants. The topic has generated much interest among the HORA delegates in the wake of a number of devastations caused by natural disasters such as tsunami catastrophe and the recent severe floods experienced in this region.

## SIXTH HORA MEETING

### • More Focus

The HORA meeting this time focused its attention on the workshop on `Disaster Risk Management`. The workshop began with the presentation of two main papers, one by Malaysia while the other one by Korea, soon after the opening session.

**The Malaysian Paper**, prepared and presented by Dr. Safry Kamal Ahmad, covered key issues including natural disasters, strategic actions, recovery process, and levels of involvement of government agencies. Recommendations and solutions were proposed in the conclusion.

Dr. Safry, in presenting his paper proposed to set up a panel which can identify mechanisms, procedures for the rapid response that is able:

- a) To enhance awareness and preparedness among member countries and concerned agencies and authorities,
- b) To assist to promptly assess damage, identify provisional repairs necessary, and oversee the execution of these repairs,
- c) To collaborate to make known a coordinated plan to minimize the adverse impact of natural disasters,
- d) To support to implement measures and actions to ensure immediate emergency repairs to at least partially restore the functionality of access roads to affected areas, and
- e) To render assistance to governments lacking needed resources as may be necessary.

Dr. Safry said the proposed organization becomes necessary considering that more often than not the global response to such disasters is often immediate and massive, but not always channeled to be as coordinated and efficient as would be desirable. The mechanism must also be able to deal with road access problems in a coordinated and efficient manner considering that all too often key

access roads have themselves been severely damaged, and rendered impassable.

**The Korean Paper** was prepared by Dr. Heungbae Gil and Dr. Byungok Yoo of Korea Expressway Corporation. Dr. Gil in presenting the paper said disaster risk management can be defined as a series of actions and systems expressly aimed at reducing disaster risks in endangered regions and mitigating the extent of disasters. It includes risk assessment, disaster prevention and mitigation and disaster preparedness.



*The Korean paper being presented by Dr. Heungbae Gil*

Korea Expressway Corporation (KEC) is also experiencing increased natural and man-made disaster risk. Natural disasters such as storm, typhoon, and heavy rains and snows have affected operation of expressways and safety of users. A few years ago thousands of cars were stranded on an expressway more than a day due to heavy snow. Last year storm caused debris flow, which in turn inundated the expressway. Man-made disasters such as fire in the tunnel and bridge also caused road closures.

KEC is taking series of actions to reduce disaster risk and increase disaster preparedness. It implemented a Disaster Management Manual. The main purpose of the Manual is to provide timely, factual and useful information on disaster mitigation and response and traffic control. The Manual covers the following major topics in detail: lists, countermeasures, and preparedness of natural and man-made disasters; traffic control and detour plans; public information; response plans for respective disasters.

KEC also developed an internet-based Disaster Management Information System (DMIS), which includes the digital map with a disaster-prevention GIS and a disaster risk map. The DMIS was developed to effectively manage disasters and deliver the information on disaster situations. It enables real-time disaster situation control and response according to the Manual. It also helps to monitor disaster-prone areas and exchange real-time disaster site information among stakeholders.

### Tsunami aftermath 26 Dec. 2004

- **Affected 200 km west coastline of Pen. Malaysia**
- **68 death**
- **6 missing**
- **91 hospitalised**
- **276 treated as out-patients**
- **10,564 evacuated**



*One of the slides used by Dr. Safry for his presentation*

## SIXTH HORA MEETING

### Active Participation

Following the presentations, the delegates were divided into seven groups to actively debate the topic further and to produce a record of recommendations, solutions and action plans. Each group was asked to address the following issues in their discussions.

- Definition of 'disaster'
- Management of disasters: current practice
- Role of REAAA in disaster risk management
- How could this be achieved? Should an REAAA Secretariat be established?
- Topics to be addressed in a 'Disaster Risk Management Compendium'
- General comments and topics for future Compendiums



A Group Leader was appointed from each group who presented the outcomes of the discussions when the meeting re-convened. The Chairman of the Technical Committee, Kieran Sharp, was asked to lead the group discussions and prepare a report summarising the findings based on the above issues.

### Follow-Up Actions

To take follow-up actions on the recommendations and action plans, it has been agreed to set up a working committee. The formation of this working committee is one of the positive outcomes of the 6<sup>th</sup> HORA meeting. Each committee member is also responsible for coordinating the retrieval of relevant information applicable to their region.

Members of the working committee are expected to be invited to attend its first committee meeting scheduled to be held in November 2007 in Kuala Lumpur in conjunction with the 84<sup>th</sup> meeting of the REAAA Governing Council.



*Dato' Dr. Azmi Hassan (standing) of Malaysia, one of the seven group leaders, making a presentation on the recommendations, solutions and actions proposed by his group.*



## HORA Advisory Panel

The 6<sup>th</sup> HORA Meeting was briefed on the progress of the HORA Advisory Panel on Privatisation of Highways and Road facilities. In efforts to obtain the relevant information, the Panel, through the REAAA Secretariat, has sent out a standard questionnaire to the heads of road authorities in the region. Responses were received from 12 countries - Australia, India, Indonesia, Japan, Korea, Nepal, New Zealand, Philippines, Malaysia, Singapore, Taiwan and Thailand.

The Panel, headed by the Director General of the Malaysian Highway Authority are analysing the results. The information received will also be used to compile a handbook to be circulated to the HORAs.

The Deputy Director-General of the Malaysian Highway Authority Mr. Ismail Md. Salleh represented the Panel Chairman in briefing the HORA delegates. He said the findings covered various issues including those on 'Development of Policy', 'Privatisation Implementation' and 'Privatisation Enhancements-Highway in Operation'. The challenges in managing privatisation faced by some countries were highlighted in his briefing.



*HORA delegates being briefed on the progress of the Advisory Panel*

Country	Challenges
Indonesia	Investment climate, un-conducive law and regulations.
Australia	The contract needs to be carefully designed, otherwise future problems could occur. The level of risk transfer is another important area of the contract. While the government may want to transfer as much risk as possible onto the contractor, the contractor would likely prefer that not all the risk is transferred to them. This should be negotiated so that the contractor would receive greater returns for higher risk, perhaps through performance benefits There is a different focus upon the provision of the roads, as the private sector will focus upon making a profit over the benefit to the community. While this would be strictly monitored, it could result in possibly desirable features not being included for budgetary reasons. The private sector will also face higher borrowing costs due to the lesser borrowing power when compared to the government which will likely be transferred onto the users in the form of tolls. This has sometimes been overcome by the government giving an interest-free loan to the contractor. One major assumption is that the private sector is more capable of influencing the risks of the project, which may not be the case for certain projects such as the Cross City Tunnel project. The public perception of a particular tollway can seriously affect the end result.
Korea	~ Excessive demands by local governments during the discussion about results such as cost increase and retardation of the projects promotion ~ Steep increase of land cost by concentrative construction on the Metropolitan area. ~ Participation from many institutions makes government's process slow.
Nepal	(1) Lack of adequate vehicles per day (2) Lack of stability (3) Lack of alternate routes
India	Scarcity of huge trained technical manpower for implementation of PPP projects
Thailand	(1) To persuade the private company to be interested and invest more in the toll project (2) The government should support the private company to be survived
New Zealand	The main challenges are a suitable toll system, political and public will or acceptance.
Malaysia	Involving the public issue ñ toll rate and land use that impact to public inconvenience.

On the Panel, the meeting adopted a resolution to review the appointments as follows:

<b>Chairman:</b>	Director General of Malaysian Highway Authority, Malaysia ( <b>Dato' Hj. Mohamad Razali bin Othman</b> to take over from Dato' Mohd Noor Yaacob)	
<b>Secretary:</b>	Hon. Secretary General, REAAA ( <b>Dr. Safry Kamal Ahmad</b> to take over from Dato' Dr. Dennis Ganendra)	
<b>Members:</b>	Australia:	<b>Mr. Gary Liddle</b> (REAAA Council member)
	Indonesia:	<b>Mr. Hendrianto Notosoegondo</b> (REAAA Council member)
	Japan:	<b>Mr. Yasumasa Torii</b> (REAAA Council member) <b>Mr. Asao Yamakawa</b> (REAAA Council member)
	New Zealand:	<b>Mr. Brent Johnston</b> (REAAA Treasurer General)
	Singapore:	<b>Ms. Chee Huey Mien</b> (Deputy Director for Contracts (Civil), LTA.)
	Taiwan:	<b>Mr. Jin-Yuen Chen</b> (REAAA Council member)
	Thailand:	<b>Mr. Tavepatana Tinamas</b> (REAAA Council member)
	Malaysia:	<b>Dato' Azmi Hassan</b> (Director, Road Branch, PWD) <b>Ir. Md. Amir bin Kassim</b> (Director, Highway Planning Unit, MOW) <b>Mr. Han Joke Kwang</b> (REAAA Council member) <b>Dato' Ir. Hamzah bin Hassan</b> (CEO, CIDB Malaysia) <b>Dato' Dr. Dennis Ganendra</b> (REAAA Council member)

# KATAHIRA AWARDS

- CONFERENCE AWARD
- JOURNAL AWARD

The Governing Council, working with the Katahira Fund Committee and the Technical Committee, has agreed to develop a proposal for the funding of an award for authors of original, outstanding papers published in the REAAA Journal.

It has been proposed to be known as the `Katahira Journal Award` which is to be presented to author/s for contributing the best journal paper of the year.

This was approved by the Governing Council at its 83<sup>rd</sup> meeting on May 10, 2007 in Korea. The entry rules and other details on this new award are being worked out. An announcement will be made after the approval of the Governing Council. It is hoped to attract more quality papers to be published in the REAAA Journal. REAAA publishes two issues of the Journal each year.

The meeting also decided that the existing Katahira Award will be called the `Katahira Conference Award` which will be presented to winners in conjunction with the REAAA Conferences. The REAAA Conference is held every two to four years. For the recently held 12<sup>th</sup> REAAA Conference in Manila, six winners were picked to receive the award for contributing the best paper, the outstanding paper and the four highly commended papers. The prize money totalling about US\$ 2,500.00, was presented to the winners.



*A group photograph taken after the award presentation ceremony at the 12<sup>th</sup> REAAA Conference in Manila in November 2006. (From left) Prof. Ian Johnston (Chairman of Judging Pane), Mr. Yasumasa Torii (Katahira Fund Committee Chairman), Dr. Kyong-Soo Yoo (REAAA President), Secretary H.E. Ebdane of the Philippines and Mr. Salvador Pleyto (Immediate Past President of REAAA) with the six award winners*

## Entry Rules Revised

The entry rules for the Katahira Conference Award have been revised and simplified as follows:

- To be eligible for the Katahira Award, either the first author or the second author (if there are multiple authors) must be under 40 years of age at the time of the submission of the paper and must be an Ordinary/Associate member of REAAA or an employee of an organization which is an Institutional Member of REAAA or associated with the above-stated member/employee as co-author.
- The paper must not have been published elsewhere in the same form.



The proposal for the revised entry rules was presented at the 83<sup>rd</sup> Council meeting by the Chairman of the Katahira Committee, Mr. Yasumasa Torii. The proposal was adopted.

*Mr. Yasumasa Torii, Chairman, Katahira Fund Committee (2<sup>nd</sup> from right) presenting his views on the Katahira Award at the 83<sup>rd</sup> Council meeting in Korea.*



*The late Dr. Nobutaka Katahira*

## Background

The Katahira Award was established in 1991 in memory of the late Dr. Nobutaka Katahira who was the Association's President for the 5<sup>th</sup> Council term from 1983 to 1986. He willed 3 million Yen to the REAAA towards encouraging keen participation among young engineers in the promotion and advancement of science and technology in road development and road-related engineering. The Governing Council for the 6<sup>th</sup> term decided to use the donation to set up the Katahira Fund for the award. Dr. Katahira's followers had in October 2000 donated an additional sum of £ 19,080.12 to the Fund.

So far, about US\$ 13,500.00 has been given out to the recipients since the inaugural Katahira Awards presentation was held in the year 1992. The Awards were also presented in 1995, 1998, 2000, 2003 and 2006.



*The late Mr. Mah Guan Seng*

## MAH GUAN SENG ORATION

**The most prestigious of the keynote address at each future REAAA Conference will be named the Mah Guan Seng Oration, in honour of the contribution of the late Mr. Mah Guan Seng to REAAA.** Each REAAA Conference features one or more invited keynote addresses.

The proposal was made by the Past President Prof. Ian Johnston at the 83<sup>rd</sup> Council meeting in Korea. The meeting unanimously approved the proposal.

### Tributes to the late Mr. Mah Guan Seng

The Council, at its 83<sup>rd</sup> Meeting in Korea, paid tributes to Mr. Mah Guan Seng who passed away on 3 December 2006 after a short illness. REAAA President Dr. Kyong-Soo Yoo who chaired the meeting said the Council had lost a dear friend. He described Mr. Mah as a loyal Council member who had never missed a Council meeting and a founder member who had served the Association for more than 32 years. Mr. Mah's total commitment and unflinching support has positively nurtured the Association to international prominence. In appreciation of his significant services and contributions, Mr. Mah was elected as the 10<sup>th</sup> Honorary member of REAAA in May 1998.

REAAA has extended its deepest condolence to the family of the late Mr. Mah. It has featured an obituary and a special write up in the December 2006 REAAA Newsletter.

Dr. Yoo said Mr. Mah's services and contributions to the growth of REAAA will always be remembered and appreciated by all the members. He then invited Council members who were present at the meeting to observe a minute of silence as a mark of respect for the late Mr. Mah.



## HORA DELEGATES ARE IMPRESSED WITH INCHEON BRIDGE CONSTRUCTION PROJECT

HORA delegates and REAAA Council members were deeply impressed with Korea's Incheon Bridge project during their technical tour of the construction site of the project on 11 May 2007 in conjunction with the 6<sup>th</sup> HORA Meeting in Gyeonggi-do. The delegates were briefed on the engineering technologies, special features and other aspects of the project before taking them for the site visit.

The project is an expressway of 21.27 km with 6 lanes consisting of 18.2 km long Incheon Bridge and 3.07 km long embankment road to connect Incheon International Airport in Yeongjong Island International Free Economic Zone of New Songdo City in Incheon Metropolitan City. The Incheon Bridge, the longest and largest bridge in Korea and among 5 longest bridges of its kind in the world, will be opened to traffic by October 2009. This new landmark of Asia is expected to play the role as a driving force in developing the future-oriented high-technology. Incheon Bridge will be the core infrastructure to accelerate Korea's transition into economic-hub in North East Asia, in the 21<sup>st</sup> Century.



The project costing about US\$ 2.5 billion, is being funded by private investment (US\$ 1.7 billion) and the Korean Government (US\$ 0.8 billion). KODA Development, a joint venture between the British company AMEC and the City of Incheon is a concessionaire of the private investment section, while SAMSUNG JV, a group of seven domestic builders, has taken charge of the design and construction. 7 Joint ventures of leading domestic contractors have joined in the government financed section. KOREA EXPRESSWAY CORPORATION, a government-established public corporation has managed all sections on behalf of the Korean Government.



*HORA delegates being briefed on the engineering technologies and the special features of the Incheon Bridge construction project*



*HORA delegates touring the site to take a closer look of the bridge project*



## REAAA PRESIDENT VISITS SECRETARIAT

Dr. Kyong-Soo Yoo who was elected the REAAA President for the 13<sup>th</sup> Council term in November 2006, visited the REAAA Secretariat as part of his 4-day programme to Malaysia from February 20-23, 2007.

Dr. Yoo visited the REAAA Secretariat on February 22 to take a closer look of its operations and facilities. The REAAA Secretariat is responsible for the day-to-day administration of the Association. It is managed by only two staff, the Executive Secretary who is assisted by an Accounts/Admin Executive. All in all, the Secretariat has managed their responsibilities well as stated in the REAAA Constitution in spite of the staff constraints.

Dr. Yoo stressed the need for REAAA to provide better services to its members. The President felt that the Secretariat should be strengthened to undertake new initiatives for the benefit of the members. He proposed that to achieve this, the Secretariat as a start should employ a professional staff, preferably an engineer to undertake the above initiatives with the prime objective of providing better services.



Dr. Yoo (in suit), accompanied by Hon. Secretary Dr. Safry Kamal Ahmad (2<sup>nd</sup> from left) making a visit to REAAA Secretariat on Feb.22. Executive Secretary K.S. Loh (far left) and Accounts/Admin Executive F.C. Chuan (far right) are there to greet them.



Dr. Yoo paying a courtesy call on Dato' Seri Prof. Ir. Dr. Wahid Omar, at the Public Works Department in Kuala Lumpur.



Dr. Yoo accompanying by his wife and two daughters during his 4-day visit to Malaysia.

On February 21, Dr. Yoo visited the Public Works Department Malaysia to pay a courtesy call on Dato' Seri Prof. Ir. Dr. Wahid Omar, the Director General of the Public Works Department who is also the Vice President of REAAA. Dr. Yoo later chaired a meeting attended by Malaysian Council members including Dr. Safry Kamal Ahmad, Dato' Ir. Haji Mohd Noor Yaacob, Dato' Dr. Dennis Ganendra and Mr. Han Joke Kwang.

Dr. Yoo expressed his appreciation to Council members in Malaysia for organizing the meeting and lined up various programmes to mark his 4-day visit. The focus of the meeting was to finalise the preparations for the 6<sup>th</sup> HORA meeting and the 83<sup>rd</sup> Council meeting which were to be hosted by Korea in May 2007 in conjunction with the International Expo.

## REAAA PRESIDENT VISITS SECRETARIAT

At the meeting, Dr. Yoo proposed several initiatives to be taken to strengthen REAAA:

- REAAA needs to work closely with other international bodies including IRF and PIARC to jointly carry out regional activities and programmes such as regional conferences, seminars and exhibitions.
- REAAA needs to cooperate with member countries to collect information and statistics relating to roads and transportations and the projects available. The information should be speedily available and easily accessible by member countries or members.
- HORA meetings should be made one of the platforms for international cooperation. Some countries may be able to finance identified activities or projects.
- A closer cooperation has been proposed for Malaysia and Korea. The two countries would look into areas for cooperation. The cooperation would serve as a model for other member countries to emulate.



*Hon. Secretary General Dr. Safry Kamal Ahmad presenting a name plate of REAAA President to Dr. Yoo who was elected the President for the 13<sup>th</sup> Council term on November 23, 2006. Present are (far left) Dato' Dr. Dennis Ganendra, (centre) Dato' Ir. Hj. Mohd Noor Yaacob and (far right) Mr. Han Joke Kwang.*

## DR. SAFRY KAMAL AHMAD RECEIVES ROYAL AWARD



*Dr. Safry Kamal Ahmad*

The Honorary Secretary General of REAAA, Ir. Dr. Safry Kamal Haji Ahmad was conferred with the Ahli Mahkota Kedah, AMK (Order of the Crown of Kedah - Member) Award, by His Royal Highness the Sultan of Kedah in conjunction with the 79<sup>th</sup> Birthday of His Royal Highness on 21 January 2007. The investiture ceremony was held on 1 February 2007 at Dewan Seri Negara, Wisma Darul Aman, in Alor Setar, Kedah.

Ir. Dr. Safry Kamal is the Branch Head of Road facilities Maintenance Management Branch, Head Office of the Public Works Department, Malaysia. He was elected the Honorary Secretary General at the 12<sup>th</sup> General Meeting on 23 November 2006 in Manila, the Philippines.

# AUSTRALIAN CHAPTER REPORT

This report describes the activities of the Australian Chapter for the period from October 2006 to April 2007.

## Australian Chapter Committee

The REAAA Australian Chapter AGM for the year ended 30 September 2006 was held in Melbourne on 7 December 2006. The following members were elected as office bearers and committee members until the conclusion of the next AGM:

<b>Chairman:</b>	Gary Liddle ( <i>VicRoads</i> )
<b>Deputy Chairman:</b>	Kieran Sharp ( <i>ARRB</i> ) ( <i>Victoria</i> )
<b>Secretary/Treasurer:</b>	Murray Kidnie ( <i>Austroads</i> ) (based in NSW)
<b>Committee Members:</b>	Ray Farrelly ( <i>AAPA</i> ) (based in Victoria) Bob Peters ( <i>Main Roads</i> , WA) Chris Tatam ( <i>Maunsell</i> , WA) George Vorobieff ( <i>Head to Head consulting</i> ) (based in NSW) Gerard Waldron ( <i>ARRB</i> ) (based in Victoria) Tom Wilmot ( <i>Stabilised Pavements International</i> ) (based in NSW)

There is no representation on the committee from Queensland at this stage but it is intended to explore the possibility of a Queensland representative during the year.

A meeting of the new committee of the Australian Chapter was held following the AGM. The main issue discussed was the planned activities for 2007. The Australian Chapter has taken the approach that it will cooperate with other organisations to stage joint events rather than seek to initiate major independent events. For example, a special forum was held for REAAA members in conjunction with the 22<sup>nd</sup> ARRB conference, held in Canberra in October, 2007. It featured Dr Susan Sharland, the Chief Executive of the UK-based Transport Research Laboratory (TRL). Susan updated members of current TRL activities and discussed links with work being conducted in Australia, particularly through the Austroads technical research program.

Opportunities being considered for future REAAA Australian Chapter events include:

- Presentations by Austroads representatives on World Road Association technical committees arranged to coincide with Austroads task force and review panel meetings, with local REAAA members invited to attend.
- Demonstrations by ARRB about their road survey equipment in various jurisdictions with local REAAA members invited to attend.
- Members of REAAA invited to participate in the Australasian delegation to the World Road Congress in Paris in September 2007 and participate in delegation events being planned by the Austroads national office.
- Possibility of facilitating a study tour in conjunction with the World Road Congress in Paris in September 2007.
- VicRoads is considering inviting REAAA members to their monthly technical sessions where relevant.

Members have been invited to identify opportunities for the Australian Chapter to co-host events with other organisations,

particularly events involving visiting overseas speakers.

## Recent activities

The WA branch continues to be our most active. In February 2007, the branch arranged an event in Perth with two speakers:

- John Gaffney, from VicRoads, who is the delivery manager for the AUS\$900m, Monash - City Link - Westgate Freeway Management System & Upgrade Project which seeks to maximise the corridor's (freeway and adjacent network) reliability, productivity and safety. The project has AUS\$100m of the funding dedicated to Intelligent Transport Systems.
- Dr Charles Karl, the Principal Engineer and Business Manager ITS for the ARRB Group. The presentation covered road space allocation, dynamic traffic management, network intelligence and systems integration and the implications for Perth.

The REAAA WA Branch also conducted, in conjunction with Engineers Australia Transport Panel a breakfast event on 20 March where His Excellency the Governor of Western Australia, Ken Michael, spoke on the topic 'Reflections of a Road and Bridge Engineer'.

His Excellency had a distinguished road and bridge engineering career working for Main Roads Western Australia for 36 years, culminating in his appointment as Commissioner for Main Roads between 1991 and 1997. He is also a long standing member of REAAA.

## Newsletters

Newsletters are produced by the Austroads national office on behalf of the Australian Chapter committee and distributed to members. The newsletters are emailed to members. They are mailed to the small number of members who do not have email addresses. They are also available on the Australian Chapter website. A newsletter was prepared and distributed in December 2006 following the AGM.

## Membership

Membership subscription notices were sent out in early February. Payments are still being received.

Membership as at 31 March 2007

Honorary member	1
Life members	3
Ordinary members	99
Institutional members	11



## BRUNEI CHAPTER REPORT

### Introduction

The Director General of Public Works Department, Brunei Darussalam and the Chairman of the REAAA (Brunei Chapter) would like to extend their appreciation to the host country, Korea and REAAA for the invitation to the 83<sup>rd</sup> Meeting of the Governing Council of REAAA to be held from 9 - 11 May 2007 at Gyeonggi - do, Korea.

Brunei Chapter would like to report on the activities of the Chapter for the period from October 2006 to April 2007.

### List of Committee Members of Brunei Chapter and Executive Committee Meetings

The list of the Executive Committee Members of Brunei Chapter remains unchanged from that reported in the 81<sup>st</sup> Council Meeting.

An Executive Committee Meeting was held on the 25<sup>th</sup> April 2007 to discuss several issues including the upcoming 83<sup>rd</sup> REAAA Council Meeting and the 6<sup>th</sup> HORA Meeting to be held in Gyeonggi - do, Korea.

### Membership As At 31<sup>st</sup> March 2007

The membership strength as at 31<sup>st</sup> March 2007 stood at 66.

Individual members	65
Institutional member	1

### Activities of REAAA (Brunei Chapter)

The 81<sup>st</sup> and 82<sup>nd</sup> Meetings of the Governing Council which were held from 21<sup>st</sup> to 23<sup>rd</sup> November 2006 in Manila, the Philippines were attended by Haji Suhaimi bin Haji Gafar, Acting Deputy Director General of Public Works Department, Brunei and Haji Ismail bin Haji Mohd Jaafar, Director of Roads, Public Works Department, Brunei on behalf of Haji Mohd. Zin bin Haji Salleh, Acting Director General of PWD, Brunei and Dato Paduka Haji Othman bin Haji Yaakub, Chairman of REAAA (Brunei Chapter).

REAAA Brunei Chapter is planning to hold its activities such as Annual General Meeting, Annual Golf Tournament and other activities sometime in September or October 2007.

### Conclusion

The Public Works Department, Brunei Darussalam and the Brunei Chapter would like to thank the host country, Korea, for hosting the 83<sup>rd</sup> Meeting of the Governing Council of REAAA and the 6<sup>th</sup> HORA Meeting and are confident that the forthcoming meetings would be successful and beneficial to all.

## KOREA CHAPTER REPORT

This report, signed by Chapter Chairman, Mr. Kwang-Ung Hwang, describes the activities of the Chapter for the period from November 2006 to April 2007.

### Membership

Total number of membership as of 31 October, 2006 is 109.

- Ordinary members : 97
- Institutional members : 12

### Meetings

First executive committee meeting of 2007 was held on 18 April 2007.

Business plan of 2007, preparation for the 6<sup>th</sup> HORA Meeting and the 83<sup>rd</sup> Council Meeting were discussed.

### REAAA Office in Korea

Dr. Kyong-Soo Yoo, the president of REAAA retired from Korea Highway Corporation in December 2006, and joined the Korea Road & Transportation Association in January 2007 to devote more time for REAAA business as the president.

Ms. Young-Sun Bang was employed as a staff member of Korean Chapter. She is also assisting Dr. Yoo. She can be reached at: email : youngsun.diane@gmail.com phone : 82-2-552-5871

### Preparation for the 6<sup>th</sup> HORA Meeting and the 83<sup>rd</sup> Council Meeting (as of 10 April, 2007)

The 6<sup>th</sup> HORA Meeting and the 83<sup>rd</sup> Council Meeting are held in conjunction with the International Road & Traffic EXPO 2007 on May 9-12, 2007 at the Korea International Exhibition Center (KINTEX) in Gyeonggi-do.

A close cooperation and coordination has been made between REAAA Secretariat and the office of Korean Chapter to prepare for the meetings and undertake the following actions:

- Programs of the 6<sup>th</sup> HORA Meeting and 83<sup>rd</sup> Council Meeting were fixed.
- Official Hotels were designated (Mayfield Hotel, Best Western Niagara Hotel)
- Invitations were extended to the ministers of 16 countries (Australia, Brunei, India, Indonesia, Laos, Japan, Malaysia, New Zealand, Pakistan, Philippine, Singapore, Sri Lanka, Taiwan, Thailand, Tonga, Vietnam)
- Invitations were sent to 66 HORAs of 40 countries
- Korean main presenters were selected (Dr. Byung-Ok You and Dr. Heung-Bae Gil)

## NEW ZEALAND CHAPTER REPORT

### Chairman's introduction

This report prepared by its Chairman Mr. Mike Rudge, describes the activities of the New Zealand Chapter for the period from 1 October 2006 to 31 March 2007.

### Chapter Committee Members

The New Zealand Chapter committee:

<b>Chairperson:</b>	Mike Rudge	
<b>Treasurer:</b>	Richard Steel	
<b>Secretary:</b>	Lisa Pallister	
<b>Committee Members:</b>	Janice Brass	Muir Coup
	Bill Caradus	Tony Brennand
	Peter Scott	Onno Mulder
	Peter Mortimer	Chris Olsen
	Brendan Bisley	Allan Tuck
	Chris Parkman	

### Membership count as at 31 March 2007

Institutional Members	- 8
Corporate Members	- 8
Ordinary Members	- 78

### Committee meetings held between 1 October and 31 March 2007

The NZ Chapter Committee meetings have been held on:  
 27 October 2006  
 6 December 2006  
 23 February 2007  
 23 March 2007

### Activities carried out between October 2006 to March 2007

Since the last Council meeting the New Zealand Chapter's main achievements have been

- Publication of the summer 06/07 electronic newsletter sent out via email to all members.
- Sponsorship of NZIHT/Transit NZ Conference 'Transportation and the Pursuit of Excellence' to be held on 15 - 17 October 2006 in Auckland.

### Future Activities to October 2007

- Pilot regional forum to be held in Christchurch in June 2006.
- The autumn newsletter to be published in May 2007.
- Launch of the new redesigned chapter website at the 2007 Annual General Meeting.
- Low Volume Roads Workshop in July 2007.
- The winter newsletter to be published in August 2007.
- NZ Chapter annual roadshow in September 2007.

## PHILIPPINES CHAPTER REPORT

This is a joint report of REAAA Philippine Chapter and REAP (Road Engineering Association of the Philippines) presented by REAP President Mr. Jesus Cammayo at the 83<sup>rd</sup> Council meeting in Korea on 10 May 2007. The Report focused on the restructuring of the Philippines Road Association/Organisations.

This concept was conceived in a Post 12<sup>th</sup> REAAA Conference meeting of the EXECUTIVE COMMITTEE of the Philippines early January 2007, in order to strengthen the Philippine position in the road engineering industry and its membership to REAAA.

Rename the merged association into REAP-REAAA PHILIPPINES but still maintaining the two (2) Associations their membership status with REAAA with REAP as Institution Member and REAAA Chapter as Individual Member

95% of REAAA Chapter members are REAP members. Majority of membership of REAAA Chapter are from the government infrastructure agencies which are responsible in the formulation of the Infrastructure Development Plan of the Philippines, 5-Year Plans - Programs and Annual Infrastructure Programs and the implementation of same.

With the merger:

REAAA being a HORA member deals in the formulation of road engineering policies and guidelines and has the authority into getting memberships from other governmental and private organizations to the Road Engineering Association.

REAP - implementing & monitoring arm

Officials of renamed organization shall be governed by a Board headed by a Chairman, and Officers of the Association to be headed by a President. HORA which in this case is represented by the Secretary of the Department of Public Works and Highways will act as Chairman of the Board.

A Committee was formed to Review, Amend and Reformulate the existing Constitution and By-Law and to be ratified in a Joint-Assembly of the General Memberships of the Merged Association scheduled in mid-June 2007 to coincide with the Election of new sets of officers.

Rooster of new memberships both individual and organization will ensue.

# ROAD ENGINEERING ASSOCIATION OF MALAYSIA

## Council Members for the term 2007 - 2009

The 10<sup>th</sup> Annual General Meeting was held on 1 June 2007 where elections for Office Bearers and Council Members were held for the term 2007 - 2009 with the new lineup as follows:

Dato' Ir. Dr. Judin Abdul Karim	- President
Dato' Ir. Haji Mohamad bin Husin	- Deputy President
Tan Sri Dato' Ir. Talha bin Haji Mohd. Hashim	- Past President
Tan Sri Dato' Ir. Wan A. Rahman Yaacobi	- Past President
Tan Sri Dato' Ir. Zaini bin Omar	- Past President
Dato' Sri Prof. Ir. Dr. Wahid bin Omar	- Past President
Dato' Ir. Dr. Ashaari Mohamad	- Hon. Secretary General
Dato' Ir. Jeffrey Choong Moh Kheng	- Hon. Treasurer General
Prof. Ir. Dr. Radin Umar bin Radin Sohadi	- Council Member
Ir. Haji Abdul Latif bin Mohd. Som	- Council Member
Ir. Md Amir bin Kasim	- Council member
Ir. Kor Chan Wah	- Council Member
Ir. Hew Yoon Leong	- Council Member

(Five additional Council members will be nominated by the Council in due course)

## REAM activities

The period under review has been busy for REAM in terms of the activities organised. Events with added value and of benefit and interest to members in particular and the industry in general were successfully organised. Support from government agencies and individual and institutional REAM members have been, as always, overwhelming.

## Malaysian Road Conference (MRC) Organising Committee

The biennial MRC currently 7<sup>th</sup> in series will be held from 17 to 19 July 2007 at the Sunway Convention Centre, Petaling Jaya. The Committee has targeted 700 participants and 60 exhibitors. Based on the overwhelming response, this premier Malaysian road event is poised, yet again, for another resounding success.

## Education Fund Committee

The fund currently has some RM 120,000.00. The amount was derived from the surpluses accrued from REAM activities and donations. The Council established this fund for the purpose of providing financial assistance to needy students.

## Library Committee

A total of 555 publications are currently in the collection.

The REAM Library User Group (LUG) has been formed to assist the Library in the development of collection and services. To encourage members to visit the library, the LUG holds meetings on a monthly basis, followed by a presentation by fellow library users or invited speakers. CPD hours are awarded to attendees.

## Management Committee

The Committee continued its efforts to invite public and corporate sector officials to become members of REAM. There has been a steady increase in membership with a small number of resignations. The total number of active members as at April 2007 less resignations and those the Secretariat has lost contact with is as follows:

• Honorary	- 1
• Ordinary	- 394
• Institutional	- 57
• Life	- 55
• Associate	- 26
• Student	- 2
<b>TOTAL</b>	<b>- 535</b>

## Road Structure Committee

The technical visit to the Jalan Duta / Jalan Segambut Interchange Project in conjunction with the Ninth Annual General Meeting of REAM was successfully executed on 15 June 2006. A total of 36 participants registered for the visit.

Work on the *Manual for Best Practice on Concrete Technology* is proceeding as scheduled. Some 40% progress has been achieved. The final draft is expected to be ready in April 2007.

## Pavement Committee

A workshop on Hot-In-Place Recycling (HIPR) and Semi Rigid Pavement was organised by the Committee on 4 July 2006. This one-day workshop received a record 220 registrations from the public and corporate sectors. This followed a workshop on Specialties Mixture was held in the month of December 2006 especially for PWD officers. The text for Hot In-Place Recycling document and Specifications for Semi Rigid Wearing Course are ready for printing.

## Geotechnic Committee

This Committee will be hosting a workshop on Geosynthetics at the coming MRC and a course on Soilnailing and Guniting on 16 July 2007.

## Drainage Committee

The results of the questionnaire have been collated and the Committee is in the process of addressing the proposals and comments received.

## Traffic Control and Management Committee

The Committee plans to table for discussion the document's Part 1 - Introduction: Standard Traffic Signs in the coming MRC.

## Training, Research and Development Committee

The Committee organised the 5-module Accident Investigation and Countermeasures Training Programme from 15 to 19 January 2007. Participants who attended all the five modules were awarded the Certificate of Attendance. The CPD hours offered for this programme was 36.

The 5-module Road Safety Audit Training Programme (RSA) which includes a competency test is still the most popular programme among the road engineering fraternity. This programme is scheduled for the month of November 2007. The Certificate of Competency issued is a necessary requirement for those applying to become a Road Safety Auditor.

## Publication Committee

The December issue of OTORAYA 2006 was sent to members in mid January 2007. The Committee is currently working on the next issue which was expected to be produced in mid 2007 for distribution at the 7<sup>th</sup> MRC.

The REAM website is being continuously updated. The website is popular with members as well as non members based on the number of hits recorded. The website also provides access to the contents of the REAM Library.

## Participation in overseas events

During the period under review, REAM organised delegations to the following events:

- 3<sup>rd</sup> Traffic and Road Safety International Congress & Exhibition (TRODSA), Ankara and Study Tour to Istanbul, Turkey from 17 - 19 May 2006
- 8<sup>th</sup> Asia-Pacific ITS Forum, Hong Kong and Study Tour to Shenzhen from 9-16 July 2006
- 10<sup>th</sup> International Conference and Technical Visits on Concrete Roads, Brussels, Belgium and Study Tour to Amsterdam, Holland from 16 to 24 September 2006



## REAAA NEW MEMBERS

The membership strength as at 31 March 2007 is 1,541. The REAAA Council and Chapters have approved 71 new members for the period between 1 October 2006 and 31 March 2007.

Institutional	2
Life	6
Ordinary	63
<b>Total</b>	<b>71</b>

The list of members approved by the 83<sup>rd</sup> council meeting on 10 May 2007.

### Institutional Members

1	Sambo Engineering Co. Ltd	Korea
2	Gammerlite Sdn Bhd	REAM

### Life Members

1	Bu-yol Ryu	Korea
2	Haji Yahiya bin Ag Kahar (Ir)	REAM
3	Leong Siew Mun (Dr)	REAM
4	Lee Kwang-Ho	Korea
5	Ashaari bin Mohamad (Dato' Ir Dr.)	REAM
6	Abdul Razak bin Ali (Ir)	REAM

### Ordinary Members

1	Ebina, Takahiro	Japan
2	Alday, JR Ernesto	Philippines
3	Tanaka, Toshiyuki	Japan
4	Adapon, Rosauro A	Philippines
5	Ali, Osop L	Philippines
6	Aquinde, Edwin	Philippines
7	Ativo, Edilberto D	Philippines
8	Avila, Normelita B	Philippines
9	Baya, Miguel C	Philippines
10	Bravo, Mauro, Jr D	Philippines
11	Cabigas, Roberto J	Philippines
12	Castillano, Mario A	Philippines
13	Cruz, Fernando S	Philippines
14	Dalidig, Cosain C	Philippines
15	Gimenez Cornelia P	Philippines
16	Gongob, Elnora P	Philippines
17	Laut Sirad S	Philippines
18	Lim, Edgardo K	Philippines
19	Luisto Librado R	Philippines
20	Ma-amor, Rasmia R	Philippines
21	Macabando, Labimombao A	Philippines
22	Ocampo, Rebecca B	Philippines
23	Pontilla, Felix B	Philippines
24	Ramos, Prescila R	Philippines
25	Rejano Rogelio P	Philippines
26	Ricardo, Lorna T	Philippines
27	Sarne, Abelardo, Jr.A	Philippines
28	Tungala, Ely O	Philippines

29	Ubina, Reynato M	Philippines
30	Vera Cruz, Seva L	Philippines
31	Versola, Danilo E	Philippines
32	Dela Cruz, Oscar U.	Philippines
33	Joy M. Untalan	Philippines
34	Hau Lay Peng	Singapore
35	Anthony V Eugenio	Philippines
36	Hamdan Kamarudin (Ir)	REAM
37	Chin Tat Hing (Ir)	REAM
38	Harry Harris Marsoh (Ir)	REAM
39	Noranizah binti Md Zainudin	REAM
40	Nor Fairuz binti Mohd Mokhtar	REAM
41	Kumari Nalini a/p Subramaniam	REAM
42	Datin Hajah Azizah binti Osman	REAM
43	Azmi bin Jamaludin (Ir)	REAM
44	Wong Lee Kong	REAM
45	Haji Mohd Hasdillah bin Haji Hashim (Ir)	REAM
46	Mohd Shahrom bin Ahmad Saman	REAM
47	Mat Zin bin Hussain	REAM
48	Azhar bin Azmi	REAM
49	Hasdee bin Abdullah	REAM
50	Abdullah bin Ismail (Ir)	REAM
51	Umi Kalthom binti Ahmad (Ir)	REAM
52	Norhayati bt Hasan (Ir)	REAM
53	Norazidah binti Mohd Taufek	REAM
54	Er Chia Chia (Ms)	REAM
55	Hamdzah bin Abdul Rahman	REAM
56	Kam Jann Keong	REAM
57	Chung Chow Pin	REAM
58	Kong Yik Khai	REAM
59	Tan Mun Kit	REAM
60	Mohd Hashim bin Dahalan	REAM
61	Tsukada, Yukihiko	Japan
62	Makino, Hiroshi	Japan
63	Peter Jordan	Australia

### Members Resigned / Lost Contact / Deceased

#### Ordinary members

1	Mah Guan Seng	REAM
2	Fan Shing Leung, Henry	Singapore
3	Kondo, Shigeo	Japan
4	Campbell, Kevin	Australia
5	Desouza, Michelle	Australia
6	Gomez, Elizabeth	Australia
7	Ho Meu-Jong, Annie	Australia
8	Kumar, Arun (Prof)	Australia
9	Williamson, Owen Clyde	Australia

#### Status Changed From Ordinary To Life Members

1	Lee Kwang-Ho	Korea
2	Ashaari bin Mohamad (Dato' Ir Dr.)	REAM
3	Abdul Razak bin Ali (Ir)	REAM

## ROAD ENGINEERING ASSOCIATION OF MALAYSIA

- d. 22<sup>nd</sup> ARRB Conference, Canberra and Study Tour to Sydney, Australia from 28 October to 5 November 2006
- e. 12<sup>th</sup> REAAA Conference, Manila, Philippines from 20 to 25 November 2006
- f. Road and the Environment Conference in Geneva, Switzerland from 3 to 8 February 2007
- g. ITS Canada 10<sup>th</sup> Annual Conference in Niagara Falls, Ontario, Canada from 27 April to 4 May 2007
- h. REAM Delegation to International Conference on Advanced Characterisation of Pavement and Soil Engineering Materials in Athens, Greece from 19 - 25 June 2007

REAM is working on the delegations to the following events:

- a. REAM Delegation to 23<sup>rd</sup> World Road Congress in Paris and Study Tour to either Versailles, France or Lucerne, Switzerland from 16 to 24 September 2007
- b. 14<sup>th</sup> World Congress on ITS in Beijing, China from 9 to 13 Oct. 2007

### Environment Committee

Committee is continuing its work on the draft EIA Guidelines.

### Social activities (golf)

REAM Annual Golf Championship 2006 was held on 13 August 2006 at the Danau Golf Club in Bangi. A total of 94 golfers participated.

The Annual Golf Championship 2007 will be held in conjunction with the REAM / KGKR overseas golf tour to Jakarta from 22 to 24 July 2007.

# FORTHCOMING CONFERENCES

## August 2007

**28**     **Roading New Zealand 07 Conference, Smart Roads NOW**  
 Venue    DUxton Hotel, Wellington  
 Contact   Jo Hoskin (Conference enquiries)  
 Tel        +64-6-759 7065  
 Email     jo@nzih.co.nz

## September 2007

**2-5**     **9<sup>th</sup> Conference on Asphalt Pavements for South Africa**  
 Venue    Gaborone, Botswana  
 Contact   Pat Loots CAPSA 07 Secretariat  
 Tel        +27 12 8412436  
 Email     patloots@iafrica.com  
 Website   www.asphaltacademy.co.za/capsa07

**10-11**   **IRF Conference on Road Structure Financing in CEECs**  
 Venue    Vienna, Austria  
 Contact   IRF Geneva  
 Tel        +41 22 306 02 60  
 Email     abastienne@irfnet.org  
 Website   www.irfnet.org

**17-21**   **23<sup>rd</sup> World Road Congress**  
 Venue    Paris, France  
 Contact   Congress Secretariat  
 Tel        +33 1 53 85 00 26  
 Fax        +33 1 53 85 00 39  
 Website   www.piarc.org/en/paris2007-route.fr

## October 2007

**2-5**     **Traffic 2007, the International Road Safety and Equipment Exhibition**  
 Venue    Madrid, Spain  
 Contact   Anita Wegner  
 Tel        +44 1442 230033  
 Fax        +44 1442 230012  
 Email     anita@itsluk.com  
 Website   www.traffic.ifema.es

**5-6**     **2<sup>nd</sup> IRF Regional Conference for India on Road Safety**  
 Venue    India Habitat Centre, Lodhi Road, New Delhi, India  
 Contact   IRF  
 Tel        +32 2 644 58 77  
 Email     abastienne@irfnet.org  
 Website   www.irfnet.org

**10-12**   **Inter traffic North America 2007**  
 Venue    Fort Lauderdale, Florida, USA  
 Contact   Albert de soet, Senior Sales Manager Intertraffic  
 Tel        +31 20 549 2216  
 Email     a.d.soet@rai.nl  
 Website   www.intertraffic.com/usa

**16-18**   **International Construction and Utility Equipment Exposition**  
 Venue    Kentucky, USA  
 Contact   ICUEE  
 Tel        +1 414 298 4141  
 Fax        +1 414 272 2672  
 Email     info@icuee.com  
 Website   www.icuee.com.a.d.soet@rai.nl

## November 2007

**2-6**     **EXCON, the 4<sup>th</sup> Construction Equipment and Construction Technology Trade Fair**  
 Venue    Bangalore, India  
 Contact   Confederation of Indian Industry, Business Fairs Division  
 Tel        +91 44 4244 4555  
 Fax        +91 44 4244 4510  
 Email     businessfairs@cilionline.org  
 Website   www.excon.ind / www.cilionline.org

**2-7**     **Structural Engineers World Congress 2007**  
 Venue    Bangalore, India  
 Contact   Structural Engineers World Congress  
 Tel        +91 80 2676 5288  
 Email     sewc2007@gmail.com  
 Website   www.sewc2007.org

**14-16**   **14<sup>th</sup> International conference on Road Safety in Four Continents**  
 Venue    Bangkok, Thailand  
 Contact   VTI Sweden  
 Tel        +46 13 20 43 19  
 Fax        +46 13 14 14 36  
 Email     RS4C@vti.se  
 Website   vti.se

**18-20**   **International Erosion Control Conference, Protecting the Asset, protecting the Future,**  
 Venue    New Plymouth, New Zealand  
 Contact   Jo Hoskin (Conference enquiries)  
 Tel        +64-6-759 7065  
 Email     jo@nzih.co.nz

**20-23**   **Con-Build Vietnam 2007, International Trade Fair**  
 Venue    Hanoi, Vietnam  
 Contact   Organiseris Contact Singapore  
 Tel        +65-6236 0988  
 Fax        +65 6236 1966  
 Email     info@conbuild-vietnam.com  
 Website   www.conbuild-vietnam.com

**22-23**   **84<sup>th</sup> Meeting of REAAA Governing Council**  
 Venue    Kuala Lumpur, Malaysia  
 Contact   Executive Secretary  
 Tel        +6 03 5513 6380  
 Fax        +6 03 5513 6390  
 Email:    reaaa@po.jaring.my



## December 2007

**4-7**     **ConExpo Asia 2007**  
 Venue    Guangzhou, China  
 Contact   AEM  
 Tel        + 1 414 298 4141  
 Fax        + 1 414 272 2672  
 Email     info@conexpoasia.com  
 Website   www.conexpoasia.com

**10-12**   **Gulf Traffic**  
 Venue    Dubai International Exhibition Centre, Dubai  
 Contact   IIR Middle East  
 Tel        + 971 4 336 5161  
 Fax        + 971 4 335 2711  
 Email     gulftraffic@iirme.com / warwick.hamilton@iirme.com / info@dwtc.com  
 Website   www.gulftraffic.com

## January 2008

**22-25**   **World of Concrete**  
 Venue    Las Vegas, USA  
 Contact   Hanley /wood Exhibitions  
 Tel        +1 972 536 6370  
 Email     contactus@worldofconcrete.com  
 Website   www.worldofconcrete.com

## March 2008

**5-9**     **Samoter 2008 Construction Equipment Exhibition**  
 Venue    Verona, Italy  
 Contact   Veronafi  
 Tel        +39 045 829 8285  
 Email     info@veronafi.it  
 Website   www.samoter.com

## April 2008

**1-4**     **Intertraffic Amsterdam 2008**  
 Venue    Amsterdam, RAI, The Netherlands  
 Contact   Albert de soet, Senior Sales Manager Intertraffic  
 Tel        +31 20 549 2216  
 Email     a.d.soet@rai.nl  
 Website   www.intertraffic.com/eurasia

## May 2008

**11-14**   **International Conference 2008 on Managing Roads & Runway Surfaces To Improve safety**  
 Venue    The Centaur - Cheltenham, England, UK  
 Organisers WDM Ltd, Highways Agency and Transit New Zealand  
 Contact   Douceline Van Arts  
 Tel        +64 4 496 6675  
 Fax        +64 4 496 6608  
 Email     douceline.vanarts@transit.govt.nz  
 Website   www.saferroads.org.uk

## July 2008

**27-29**   **1<sup>st</sup> International Sprayed Sealing Conference 2008**  
 Venue    Adelaide, Australia  
 Contact   Christina Chin, Technical Secretary  
 Tel        +61 3 9881 1669  
 Fax        +61 3 9887 8104  
 Email     christina.chin@arrb.com.au / ss08@arrb.com.au  
 Website   www.arrb.com.au/conferences

## July/August 2008

**30-1**   **23<sup>rd</sup> ARRB Conference**  
 Venue    Adelaide, Australia  
 Contact   Kathy Van Heer, Technical Secretary  
 Tel        +61 3 9881 1538  
 Fax        +61 3 9887 8104  
 Email     23conf@arrb.com.au  
 Website   www.arrb.com.au/conferences

## August 2010

**1-5**     **11<sup>th</sup> International Conference on Asphalt Pavements**  
 Venue    Nagoya Aichi, Japan  
 Organisers Japan Road Association, International Society for Asphalt Pavements  
 Fax        +81 3 3561 2232  
 Email     info@icap2010.jp  
 Website   www.icap2010.jp