



# 15<sup>th</sup> REAAA CONFERENCE 2017 & IRF GLOBAL ROAD SUMMIT

## “Roads for Better Living”

### SECOND ANNOUNCEMENT— JUNE 2016

The Road Engineering Association of Asia and Australasia (REAAA) promotes the science and practice of road engineering and related professions in the Asia-Pacific through the development of professional and commercial links within, and between, countries in the region.

REAAA, the Ministry of Public Works and Housing Indonesia, the Indonesia Road Development Association and the International Road Federation are pleased to invite you to participate in the **15<sup>th</sup> REAAA Conference, to be held in Bali, Indonesia, on 22<sup>nd</sup>-24<sup>th</sup> March 2017.**

## 15<sup>th</sup> REAAA Conference 2017



The Conference will provide a forum for sharing common challenges, discovering new technologies, sharing best practice, and discussing policy issues, including the needs of the road industry. The theme of the Conference, *Roads for Better Living*, seeks to promote more cost-effective and sustainable roads which provide benefits to both governments, in terms of cost-savings, and the community, in terms of improved amenity, access and safety.

The Keynote Addresses will be presented by the Minister of Public Work and Housing, Republic of Indonesia, the Coordinating Minister of Economy, Republic of Indonesia, Mr. Michael Dreznes (road safety specialist), Mr. Mehran Avini, who will lead a seminar of public/private partnerships and Mr. Frederick G. Wright, who will be addressing road network and connectivity issues.

A number of activities will be held in conjunction with the Conference.

Organized by:

|   |   |  |   |
|---|---|--|---|
|  |  |  |  |
| Road Engineering Association of Asia and Australasia                                | International Road Federation   | Indonesia Road Development Association   | Ministry of Public Works and Housing Indonesia  |

# Call for Papers

Local and international authors, either from academic or professional communities are invited to submit papers for consideration for presentation at the Conference and publication in the Conference proceedings.

The technical sessions have been formulated to address problems, challenges, and alternative solutions. Papers should address one of the following topics:

## 1. Road safety and smart transport system

Policy issues supporting the *Decade of action for road safety 2011-2020*; the 'safe system' approach; better data for better outcomes; smart transport technology; policy, social and institutional Intelligent Transportation System (ITS) issues; mobility models and vehicular traffic models; driver behavior.

## 2. Green construction and sustainable environment

Adaptation of road pavements to climate change; innovation in construction and maintenance; the use of marginal local materials for roads and bridges; environment considerations in road projects evaluation to ensure quality of life; culture and heritage issues; standards for climate change adaptation.

## 3. Road development to support regional growth

Urban/regional development; public transport; improving traffic mobility; efficiency of logistics supply chains; design of transport systems; the development of urban infrastructure.

## 4. Road Financing Scheme

Managing project financing for sustainable road development; sustainable project delivery; public/private partnerships.

Papers addressing other topics will be considered provided they are related to road development, e.g. disaster risk management, the development and evolution toward better living, etc.

Authors are encouraged to submit papers describing original work which has not previously been published or is not currently under review for publication by another source.

Papers shall be submitted in two stages:

- an abstract of no more than 250 words, including details of the author(s) and the author to whom all correspondence will be sent.
- a draft paper once the abstract has been accepted. All submitted papers will be reviewed by independent referees.

Please refer to the Booklet of ***“Preparing Papers for 15<sup>th</sup> REAAA Conference in Bali 2017: Guidelines for Authors.”*** The document is available online at [www.hpji.or.id](http://www.hpji.or.id) or [www.reaaa.net](http://www.reaaa.net).

Or contact us at: [conference@reaaaindonesia.org](mailto:conference@reaaaindonesia.org)

### IMPORTANT DATES:

|  |                                |
|--|--------------------------------|
| <b>Closing Date for submission of abstract</b> | 29 <sup>th</sup> July 2016     |
| <b>Notification of abstract acceptance</b>     | 29 <sup>th</sup> August 2016   |
| <b>Submission of draft paper</b>               | 20 <sup>th</sup> October 2016  |
| <b>Notification of acceptance of paper</b>     | 20 <sup>th</sup> December 2016 |
| <b>Submission of camera-ready paper</b>        | 20 <sup>th</sup> January 2017  |

## Katahira Awards



Katahira Awards will be awarded to outstanding technical papers relating to the road industry presented at the 15<sup>th</sup> REAAA Conference by young professionals. The winning entry/entries will receive cash award/s and certificate/s.

To be eligible for the Katahira Award:

- authors must be below 40 years of age when the paper is submitted (20<sup>th</sup> October 2016). If there is more than one (1) author, then only the authors below 40 years of age are eligible.
- author/s must be either ordinary/associate member/s of REAAA or employee of institutional members when the paper is submitted.

Authors must nominate for the Katahira Award when they submit their abstract and sign a declaration confirming they are eligible for the Award. Papers submitted for consideration will be judged by the Katahira Award Committee.

## Concurring Events

### **15<sup>th</sup> REAAA** *General Meeting*

The 15<sup>th</sup> General Meeting of REAAA will be held in conjunction with the 15<sup>th</sup> REAAA Conference. The 16<sup>th</sup> Governing Council of REAAA will be elected and installed at the 15<sup>th</sup> REAAA General Meeting.

### **105<sup>th</sup> REAAA** *Governing Council Meeting*

The management of REAAA is vested in a Governing Council which meets twice a year. The Council reviews progress, makes policy decisions and sets future direction for the Association.

### **12<sup>th</sup> HORA** *Head of Road Authorities Meeting*

#### **“Inter Urban Road and Its Financing to Support Regional Development”**

An important initiative of REAAA has been the establishment of regional meetings of Heads of Road Authorities (HORA). These meetings provide a forum for the most senior road engineers in the region to interact in a proactive manner on common issues. The 12<sup>th</sup> HORA Meeting will be held during the Conference. In line with the Conference theme, the topics to be discussed will be: “Inter Urban Road and Its Financing to Support Regional Development.”

The Minister of Public Work and Housing, Indonesia, will report the current situation in Indonesia. Other HORA members will present their experiences. The desired outcome will be a better vision for the future in terms of achieving equity in the region, including the strategies that need to be put in place to achieve this vision.

### **11<sup>th</sup> REAAA** *Young Engineers and Professionals Forum*

Another important initiative of REAAA is the Young Engineers and Professionals (YEP) Forum. It seeks to encourage younger members of REAAA to become actively involved in multinational cooperation. The YEP's meet each year to discuss ideas and promote activities to improve the capacity of young engineers in the region. A YEP Forum will be held during the Conference.

## REAAA Workshop on Pavement Management System

The objective of this workshop is to share and discuss the latest information on the pavement maintenance/rehabilitation practices in each country in the region. During this forum, engineers and managers will share and discuss the issues associated with pavement management with a view to identifying common issues and sharing information regarding how these issues are addressed. This would encourage more uniformity of practice and allow road condition and management data to be shared more usefully.

Mr. Kieran Sharp, Chair of REAAA Technical Committee, will deliver the opening address, while Professor Wimpy Santosa will be the moderator of the session. Mr. Yasumasa Torii, the owner of REAAA Technical Sub Committee TC-2, will give the concluding remarks.

The papers to be presented in this workshop are:

- *Summary of TC-2 study on pavement maintenance/rehabilitation practices*, by Toshiyuki Nakamura, Chair of REAAA Technical Sub-Committee TC-2 & Kazunari Hirakawa, Member of TC-2 Working Group
- *Directions in road pavement modelling*, by Tyrone Toole, ARRB Group, Australia
- *Reconstruction and Maintenance Management System of Tangerang-Merak Toll Road*, by Sunarto, Marga Mandala Sakti Co., Indonesia
- *Japanese pavement management systems for national highways and expressways using performance formula, based on Kyoto model*, by Keizo Kamiya, NEXCO, Japan
- *Pavement management system for Federal roads in Malaysia*, by Hamzah Bin Hashim, Public Works Department Malaysia
- *Pavement maintenance and asset management of Auckland's motorway network*, by Bruce Chappell, New Zealand Transport Agency.

## Business Forum

### “Expanding Opportunities for Infrastructure Investment in Developing Countries”



The 1<sup>st</sup> REAAA Business Forum in Nusa Dua Bali

With the aim of enhancing public/private partnerships in member countries, the conference Organizing Committee invites the CEO's of construction engineering, road industry and service industry companies to discuss business opportunities and build strategic business partnerships among the private sector in member countries. In accordance to the main theme of the Conference, the theme of the Business Forum will be: Expanding opportunities for infrastructure investment in developing countries.

A keynote address will be delivered by the Minister of Public Works and Housing, Indonesia. He will discuss ongoing policies and strategies for public/private partnerships on infrastructure developments in Indonesia. Prominent speakers from both developing and developed countries will share their experiences and ideas regarding business opportunities, technologies, and lessons learned from the use of PPP in the region.

The cost of the Business Forum is not included in the Conference registration fee. The fees (including the gala dinner) are as follows:

|                     |                |
|---------------------|----------------|
| REAAA member        | <b>500 USD</b> |
| Non REAAA member    | <b>700 USD</b> |
| Accompanying person | <b>250 USD</b> |

## IRF Workshop on Public/private Partnerships (PPP) in the Road Sector

Public/private Partnerships are being increasingly utilized as an alternative to the traditional public financing of road and surface transport infrastructure. This Executive Seminar will bring together top practitioners and experts from the private and public sector and financing institutions to discuss and examine what conditions are required to implement successful PPP projects that bring value to government, the private sector partners, and – most importantly – the public. The seminar will include detailed discussions of key success factors, including building capacity within the public and private sector, the necessary policy and legal frameworks, optimal risk-sharing practices, and available tools to assess the financial viability of projects. In addition, successful examples from both emerging and developed economies and present best practices and tools that can be utilized un-der different conditions will be discussed. This seminar will be facilitated by Mr. Mehran Avini, a senior PPP Advisor.

## IRF Workshop on Safer Roads By Design Executive Seminar

The *Safer Roads By Design™: Across Six Continents* Seminar is one of the most comprehensive road safety training programs in the world. Experts from a variety of countries will present best practices and state-of-the-art technologies in roadside safety, work zone safety, vulnerable ROAD user safety, traffic management and road safety audits over a 5-day period. The purpose of this training program is to help road authorities understand what can be done to help them meet their Decade of Action commitment to reduce fatalities 50 percent by 2020. The training program will focus on: Roadside Safety, Work Zone Safety, Vulnerable User Safety, and Road Safety Audits. The instructor for this training will be Mr. Mike Dreznes, a road safety specialist and also the Executive Vice President of International Road Federation.

## Registration fee (15<sup>th</sup> REAAA Conference)

| Category                          | Local Delegate (IDR)                            |  |             | International Delegate (USD)                    |  |         |
|-----------------------------------|---|--|-------------|---|--|---------|
|                                   | Early Bird <sup>3</sup><br>Before<br>31Jan 2017 | Regular <sup>3</sup><br>From<br>1 Feb 2017 | Walk-in     | Early Bird <sup>3</sup><br>Before<br>31Jan 2017 | Regular <sup>3</sup><br>From<br>1 Feb 2017 | Walk-in |
| REAAA Members <sup>1</sup>        | 5.0 million                                     | 5.5 million                                | 6.0 million | 750   | 850  | 1,000   |
| Non REAAA Members <sup>1</sup>    | 6.0 million                                     | 6.5 million                                | 7.0 million | 850   | 950  | 1,100   |
| Speakers <sup>1</sup>             | 3.5 million                                     |  |             | 600   |  |         |
| Students <sup>1</sup>             | 2.0 million                                     |  |             | 400   |  |         |
| Daily Rate <sup>2</sup>           | 2.0 million                                     |  |             | 400   |  |         |
| Accompanying Persons <sup>4</sup> | 2.0 million                                     |  |             | 350   |  |         |

- 1) Receive the conference kit with proceedings, attend all technical sessions, opening and closing ceremonies, welcome reception, gala dinner, one technical visit and daily refreshments and lunch.
- 2) Entitled to attend the plenary or technical sessions of the day including refreshments and lunch. The conference kit and proceedings are not included.
- 3) Registration form and fee fully received by the date specified.
- 4) Entitled to attend the welcome reception, opening and closing ceremonies (including lunch), gala dinner & the craft tour.

# Program *in brief*

The Conference program will encompass several activities over four days, including keynote speakers, technical presentations, a guest lecture, exhibitions, a technical tour and a social program. Delegates are welcome to stay on in Bali so that they can enjoy all that Bali has to offer.

| Date  | Time  | 20-Mar-17   | 21-Mar-17   | 22-Mar-17   | 23-Mar-17   | 24-Mar-17   |  |
|-------|-------|---|---|---|---|---|--|
|       |       | Monday  | Tuesday   | Wednesday   | Thursday  | Friday  |  |
| 9:00  | 10:00 | IRF Workshop: Safer Roads By Design Executive Seminar | IRF Workshop: Safer Roads By Design Executive Seminar | IRF Workshop: Safer Roads By Design Executive Seminar | IRF Workshop: Safer Roads By Design Executive Seminar | IRF Workshop: Safer Roads By Design Executive Seminar |  |
| 10:00 | 11:00 |   |   |   |   |   | IRF Workshop: PPPS in the Road Sector  |
| 11:00 | 12:00 | REAAA 11 <sup>th</sup> Young Engineers Meeting        | REAAA 11 <sup>th</sup> Young Engineers Meeting        | Opening Ceremony                                      | 12 <sup>th</sup> HORA Meeting                         | Technical Session 1<br>(Road Safety and Environment)  |  |
| 12:00 | 13:00 |   |   |   |   |   | Workshop on Pavement Management System |
| 13:00 | 14:00 | Pre-registration                                      | Pre-registration                                      | Exhibition  | Exhibition  | Technical Session 4<br>(Road Financing Scheme)        |  |
| 14:00 | 15:00 |   |   |   |   |   | Plenary Session 1                      |
| 15:00 | 16:00 | IRF Workshop: Safer Roads By Design Executive Seminar | IRF Workshop: Safer Roads By Design Executive Seminar | IRF Workshop: Safer Roads By Design Executive Seminar | IRF Workshop: Safer Roads By Design Executive Seminar | IRF Workshop: Safer Roads By Design Executive Seminar |  |
| 16:00 | 17:00 |   |   |   |   |   | IRF Workshop: PPPS in the Road Sector  |
| 17:00 | 18:00 | Welcome Reception                                     | Welcome Reception                                     | Plenary Session 2                                     | Guest Lecture   | 106 <sup>th</sup> REAAA Council Meeting               |  |
| 18:00 | 19:00 |   |   |   |   |   | REAAA's Business Forum                 |
| 19:00 | 20:00 | Closing Ceremony and Gala Dinner                      |   |   |   |   | Social Program 1                       |
|       |       |   |   |   |   |   | Social Program 2                       |
|       |       | Social Program 3                                      |   |   |   |   |  |