

# 7<sup>th</sup> REAAA BUSINESS FORUM

## SMART, SUSTAINABLE AND RESILIENT ROADS WITH FUTURE ENGINEER LEADERSHIP

Date: 10<sup>th</sup> April 2019

Venue: Conference Room 201 B/C, Taipei International Convention Center (TICC)

Hosted by: Road Engineering Association of Asia and Australasia and China Road Federation

TIME	TOPIC	SPEAKER
08:30—08:55	Arrival & Registration	
08:55—09:00	<b>Opening Ceremony of the 7<sup>th</sup> REAAA Business Forum</b> Forum Chair: Richard Moh Executive Senior Vice President, MAA Group Consulting Engineers	
09:00—09:05	Opening Remarks I	<b>Dr. Chia-Lung Lin</b> Minister, Ministry of Transportation and Communications (MOTC)
09:05—09:10	Opening Remarks II	<b>Dr. Yung-Hui Chou</b> Chairman, CRF
09:10—09:15	Opening Remarks III	<b>Ms. Nonon Wardhani</b> Coordinator, REAAA Business Forum
09:15—09:20	<b>Group Photo on the podium</b> VIPs, Council Members, Speakers, and Moderators	
09:20—09:35	Coffee Break	
09:35—09:40	<b>Session 1: Development of Highway System in 50 Years and Beyond</b> Moderator: Ms. Wen-Yuh Leu Deputy Chief Engineer, Freeway Bureau, MOTC	
09:40—10:00	The Past and Future Development of Highways System in Taiwan	<b>Dr. Wen-Kuang Teng</b> Chief Engineer, Directorate of General Highways, MOTC
10:00—10:20	From Privatization to Commercialization of Expressways in Japan	<b>Mr. Michiei Tamiya</b> Adviser, Central Nippo Exis Company Ltd.
10:20—10:40	Shaping the Transport Future	<b>Mr. Michael Caltabiano</b> CEO, Australia Road Research Board (Presented by Mr. Andrew Becroft)
10:40—11:00	Development of Korea Expressways – 50 years and Future	<b>Mr. Byoung Moon Son</b> Team Leader, R&D Administration Team, Korea Expressway Corporation

TIME	TOPIC	SPEAKER
11:00—11:05	<b>Session 2 : The Sustainable Development for Road and Safety</b> Moderator: Dr. Min-Chih Liao Assistant Professor of Department of Civil and Construction Engineering, National Taiwan University of Science and Technology	
11:05—11:20	Carbon Footprint Inventory for Road: The Practice in Taiwan	<b>Dr. Yen-Yu Lin</b> Assistant Professor, National Kaohsiung University of Science and Technology
11:20—11:35	The Sustainability of Motorcycle as a Transport: A Case Study in Malaysia	<b>Ir Dr. Muhammad Marizwan Bin Abdul Manan</b> Acting Director of Road Safety Engineering and Environment Research Center Malaysian Institute of Road Safety Research (MIROS)
11:35—11:50	Low-cost Traffic Improvement Methods	<b>Mr. Jhy-Fu Kang</b> Chief Engineer, Freeway Bureau, MOTC
11:50—12:05	Smart Road Safety Support from IT System Perspective	<b>Dr. Henry Meng</b> Deputy Director General, Smart System Institute(SSI), Institute for Information Industry(III)
12:05—12:15	<b>Q&amp;A</b> Moderators: Ms. Wen-Yuh Leu (Freeway Bureau) & Dr. Min-Chih Liao (NTUST)	
12:15—13:15	<b>Lunch Break &amp; Networking</b> Venue: 4F Elegance Lounge of TICC	
13:15—13:20	<b>Session 3: The Practice and Application of Smart Roads</b> Moderator: Dr. Yu-Ting Hsu Assistant Professor of Department of Civil Engineering, National Taiwan University	
13:20—13:35	An innovative and Sustainable ITS Policy and Strategy Planning in Taiwan	<b>Mr. Men-Feng Wu</b> Chairman of the Board ,CECI China Engineering Consultant, Inc.
13:35—13:50	Smart, Resilient and Sustainable Pavements in Australia	<b>Mr. Andrew Beecroft</b> Senior Engineer, Australian Road Research Board
13:50—14:05	Introduction of Integrated Road Maintenance Information Management GIS System of New Taipei City Government	<b>Mr. Chung-Jung Yu</b> Manager of BIM Management & Engineering Integration Center Moh and Associates Inc.
14:05—14:20	The Smart Mobility and Cross Bordering of Intelligent Traffic Management: A Preliminary Introduction of Taiwan's Urban Transportation Sustainable City	<b>Mr. Shang-Min Yu</b> Project Engineer, Department of Intelligent Systems, CECI Engineering Consultants, Inc., Taiwan (CECI)

TIME	TOPIC	SPEAKER
14:20—14:35	Autonomous Bus Experience and Opportunities in Asia-Pacific	<b>Mr. David Shen</b> CEO, Turing Drive Inc.
14:45—15:00	Successful Case Study of Digital Transformation of Freeway in Taiwan	<b>Mr. Kenny Chen</b> CIO & Vice President of Information Technology Division, Far Eastern Electronic Toll Collection Co, Ltd.
14:50—15:05	The Application of Sustainable Road In Indonesia	<b>Mr. Mahendra Vijaya</b> Special Assistant to Director of PT. Wijaya Karya (Persero) Tbk Indonesian Road Development Association (IRDA)
15:05—15:20	Coffee Break	
15:20—15:25	<b>Session 4: The Disaster and Risk Management of Resilient Roads</b> Moderator: Dr. Jieh-Haur Chen Distinguished Professor of Department of Civil Engineering, National Central University	
15:25—15:40	Applying Smart Disaster Prevention to Highway Management in Taiwan	<b>Mr. Wen-Shin Chen</b> Section Chief, Directorate of General Highways, MOTC
15:40—15:55	Current Practice of Disaster Management	<b>Dr. Keiichi Tamura</b> Councilor, Japan Bridge Engineering Center
15:55—16:10	Safety and Construction of LRT3 in Malaysia	<b>Dato' Sri Ir. Dr. Judin Abdul Karim</b> Chairman of CIDB Holdings Sdn Bhd/ Executive Vice President of MRCB Berhad
16:10—16:25	Development and Application of Highway Bridge Disaster Management Platform	<b>Mr. Yew-Tsang Lin</b> Chief Engineer ,CECI Engineering Consultants, Inc., Taiwan (CECI)
16:25—16:40	Advanced Landslide Susceptibility Assessment and Intelligent Monitoring Application For Mountain Highway In Taiwan	<b>Mr. Ching-Fang Lee</b> Section Chief ,Sinotech Engineering Consultants, Inc.
16:40—16:55	Lesson Learned From Earthquake, Tsunami and Liquefaction in Central Sulawesi - Indonesia	<b>Dr. Arie Setiadi Moerwanto</b> Head of Palu Disaster Rehabilitation-Reconstruction Task Force, Ministry of Public Works and Housing
16:55—17:05	<b>Q&amp;A</b> Moderators: Dr. Yu-Ting Hsu (NTU) & Dr. Jieh-Haur Chen (NCU)	
17:05—17:20	<b>Closing Remarks</b> Forum Chair: Mr. Richard Moh (MAA Group Consulting Engineers) & Ms. Nonon Wardhani (REAAA Business Forum)	