

# The 13<sup>th</sup> JOINT WORKSHOP HELD IN JAKARTA, INDONESIA

From 7th to 8th October 2014

The 13<sup>th</sup> Joint Workshop for the technology and policy research of Road and Transport was held in Jakarta by JSCE, NILIM, PWRI and IRE \* from October 7-8, 2014.

\*IRE, Indonesia: Institute of Road Engineering, Indonesia

## 1. The theme for this time WS

In this 13<sup>th</sup> Joint Workshop, held 1) International Seminar on Tunnel and 2) Discussion on “Tunnel”.



The 13th Joint Workshop

## 2. Outline of Technical Session

### 1) International Seminar on Tunnel – Challenge and Opportunity for Urban and Mountain Tunneling

In this seminar, Prof. Ishida, Tsukuba Univ., gave a lecture about the Japanese challenge toward new infrastructure development policy. And Mr. Shichijo, Senior Director, Overseas Project Division, Policy Bureau, MLIT, introduced efforts and proposal to build a sustainable Partnership between Indonesia and Japan. PWRI introduced state-of-the-art of tunnel technology in Japan. Shotcrete technology and Jakarta MRT Project were also introduced by Japanese member. From Indonesia site, latest situation of the tunnel project in Indonesia was introduced. Many participants, such as local government officer, engineer and students, eagerly discussed about tunnel technology of Indonesia and Japan.



### 2) Discussion on “Tunnel”

The progress and contents of the technical guideline on auxiliary method for tunnel which had been written jointly were discussed. It was confirmed that we set the goal of writing completion and holding seminar. A future research cooperation roadmap was developed, and it was confirmed that the discussion about the technical guideline of facility, design and construction of the road tunnel and the shotcrete technology will be started in 2014. In addition, It was also confirmed that PWRI will accept the researcher from IRE to be continued in future.



### 3. Reference (History of the Cooperation)

The National Institute for Land and Infrastructure Management (NILIM) and the Institute of road Engineering (IRE) signed cooperation arrangement in Indonesia, February 2014.

Under this memorandum, the NILIM and IRE will continually share research information by, for example, jointly holding technical seminars and will actively exchange researchers to strengthen links between NILIM and Asia and to form international human networks, thereby providing technical supports for the growth in Asia.

2009.06	Pre-meeting in Jakarta and Bandung
2009.11	Tsukuba, MoU(C) agreed in general
2010.03	Bandung, (1st Joint Workshop for targeting the themes)
2010.06	Tsukuba, joint meeting for Bali coming symposium.
2010.10	International Symposium in Bali (2nd Joint Workshop to declare the strategy for cooperative researches)
2011.01	Jakarta, (3rd Joint Workshop to make the Road maps (1))
2011.06	Sulawesi, (4th Joint Workshop to make the Road maps (2) and site observation)
2011.09	Technological Tour in Japan for modernizing experimental Equipments and Facilities of RDCRB (IRE)
2011.10	Lombok, (5th Joint Workshop / Bilateral Seminar)
2012.03	Jakarta and Bandung, (6th Joint Workshop including River and Water Resource issue)
2012.06	Batam, (7th Joint Workshop Road maps (Bridge / Tunnel) and Open Seminar (Long Span Bridge and Tunnel Technology))
2012.06	Trilateral Workshop for the Interim Report in Tsukuba
2013.01	Jakarta, (8th Joint Workshop Road maps (Road Environment/ IPT/ Traffic Safety/ Pavement/ Tunnel))
2013.08	Padalarang-Bandung, (9th Joint Workshop Road maps (IPT/ Traffic Safety/ Pavement/ Tunnel))
2013.11	Tokyo, (10th Joint WS Road maps (Tunnel/ Pavement))
2014.02	Jakarta, Labuan Bajo and Denpasar, (11th Joint WS Road maps (Road Side Station of Corridor 5/Road Environment/IPT/Tunnel/ Pavement))
2014.03	Tsukuba, (12 <sup>th</sup> Joint WS Road maps (Michinoeki/Pavement))

(International Research Division)