



The SIP/SATREPS-JPCI Joint International Seminar “Present and Future Road Infrastructure Maintenance in Myanmar and Japan” was held in March 2017

Ms. Thazin Tun May, Master Course Student, IIS, The University of Tokyo

On 15th March 2017, the SIP/SATREPS-JPCI (Japan Prestressed Concrete Institute) seminar was held at Assemble Hall, HRD Center Building, Yangon Technological University (YTU). This seminar was organized by Ministry of Construction (MOC), YTU, Japan International Cooperation Agency (JICA), East Nippon Expressway Co., Ltd., West Nippon Expressway Co., Ltd., JPCI, International Center for Urban Safety Engineering (ICUS) and Hokkaido University. The seminar mainly discussed about the topic “Present and Future Road Infrastructure Maintenance in Myanmar and Japan”, dividing into two sessions. In this seminar, from Japan side, the situation of roads and bridge structures and maintenance technologies are introduced and from Myanmar side also introduced their situations. By exchanging the information between Japan and Myanmar, present situation and future efficient maintenance practices for infrastructure management was archived.

In the morning session, the opening speech was given by U Paing from MOC and Prof. Yokota from Hokkaido University. After that, Dr. Matsumoto (ICUS, The University of Tokyo) introduced about the SIP project together with the current condition of infrastructure and future prospects in Japan and Asian countries. After ending of his presentation, Dr. Nagai (ICUS, The University of Tokyo) continued the session by presenting about “Activities of Infrastructure Management Group in SATREPS ANZEN Project”. And then, the presentation of Ms. Thein and Ms. Yin from MOC was given and they discussed about the current situation of infrastructure management in Myanmar. The last part of morning session for the seminar was joined by Mr. Akira Mitsuishi and Mr. Kei Senoo, talking about “Introduction to JICA project and importance of quality control” respectively. After the end of each presentation, participants were allowed to ask questions and free exchange different opinions.

The afternoon session started with the presentation by Prof. Mutsuyoshi from Saitama University. He mainly presented about the recent technology of concrete bridges in Japan. Then the session was proceeded by Dr. Sakai from Central Nippon Expressway Co., Ltd. explaining about “Innovative design and construction for new expressway bridge in Japan”. After taking a short break, the seminar was continued by Mr. Kaminaga (Sunitomo Mitsui Construction Co., Ltd.) introduced about “Application accelerated bridge construction in Japan”. Then, Mr. Saito from Kajima Corporation talked about “High seismic-performance concrete bridge pier using ultra high strength fiber reinforced concrete”. The final presentation was finished by Mr. Kido (Sumitomo Electric Industries Co., Ltd.) and he gave participants the knowledge about high-durable prestressing steel and new developed tension measuring instrument. And then the seminar was ended with a small talk by Prof. Yokota from Hokkaido University.

Day 1 seminar was done successfully and built a more friendly relationship between Myanmar and Japan Corporation.





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Photos of the seminar held in Assemble Hall, HRD Center Building, YTU.

On the 2nd day of our visit to Myanmar (16th March 2017), a part of the participants from day 1 seminar joined the tour to the I&H Engineering Precast concrete factory in Hmawbi, Yangon. The people in charge explained about the steps of production of precast concrete and kindly answered our questions. They produce mainly PC piles and PC bridge girders. Though PC piles are just started to produce, they are planning to manufacture PC bridge girders and PC box segments in the near future.



Photos of the tour to I&H Engineering Precast concrete factory in Hmawbi