

Reports

Promotion of Handbook –Chinese Version–

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The Chinese Version of the “Press-in retaining structures: a handbook” was officially published in China in October 2019. The handbook is edited by IPA and published by China Architecture and Building Press (CABP) as announced in Volume, 4, Issue 3 of IPA Newsletter. In order to further promote the Press-in Technology through this Handbook, IPA presented some lectures in two occasions: “The 4th International Forum on Urban Flood Control and Drainage Capacity (IFUC 2019)” jointly organized by China Civil Engineering Society, China Water Conservancy Society and other units, with IPA as one of the co-organizers, and “19th Waterproof and Drainages Technology Forum” organized by China Civil Engineering Society Tunnel and underground Engineering Branch.

IFUC 2019 was held in Guangzhou, China from November 14 to 15, 2019. Nearly 500 experts from Britain, Germany, Canada, Japan, Denmark and other countries participated. The president of IPA, Dr. Kusakabe delivered an opening greeting at the opening ceremony and made a speech entitled "Countermeasures against Urban Flooding -Japanese Experiences- "at the main forum on the morning of the 14th. Through introducing the cases of urban flood in Japan, Dr. Kusakabe pointed out the difficulty in constructing flood control structures in urban areas such as problems of limited construction space, noise and vibration environment in solving urban flooding. It is explained that the Press-in Technology can effectively construct in narrow construction space or under various complex geological conditions, as well as the characteristics of low noise and low vibration during construction. Mr. Guozhu Chen, presentative of Shanghai Office of GIKN LTD. also delivered a lecture entitled “Applications and case studies of Press-in Technology in urban flooding “at this forum.

19th Waterproof and Drainages Technology Forum was held in Nanning City, China from November 21 to 22, 2019. About 160 experts attended the forum. At this forum, Prof. Xiaoduo Ou, president of Guangxi Ruiyu Construction Technology Co., Ltd (IPA’s corporate member) delivered a lecture entitled “A new method of groundwater control in urban foundation”. Mr. Chen also presented a lecture entitled “Applications and case studies of Press-in method in the underground waterproof and drainage”. Both lecturers introduced and publicized IPA and Handbook to promote the Press-in Technology in China.

The author visited Guangzhou Lantian Shouhui Ltd (Design and construction company), Hongxin Ltd (steel sheet piles lease company), Tongji University and some other organizations during this Chinese business trip. Through communication with them, the author realized that Press-in Technology encountering three major difficulties in China right now. The first is that there are no Press-in Method guidelines in line with Chinese design or policy. The second is that there is no standard of quota. The third is the training of operators. IPA will consider establishing the China Branch, a technical committee in China, and providing the know-how and information which IPA holds to deal with these difficulties. The author believes that through the cooperation of IPA, companies and universities in China, Press-in Technology will develop better in China.



Photo 1. Dr. Kusakabe introduced the Chinese Version of Handbook in IFUC



Photo 2. Mr. Chen made a lecture in IFUC



Photo 3. Prof. Ou made a lecture in Nanning Forum