

# VI CONCLUSION

**THE 16<sup>TH</sup> Conference on Public Works Research and Development in Asia**

The Conference on Public Works Research and Development in Asia has been carried out since February of 1993 with the support of Japan International Cooperation Agency (JICA), for the following purpose; 1) to exchange information of mutual understanding, 2) to discuss technological issues, and 3) to establish researcher's network.

The 16<sup>th</sup> Conference on Public Works Research and Development in Asia was held mainly in Tsukuba and in Beppu from November 26 to December 7 in 2007. The participants included executives and senior civil engineers of government agencies responsible for research and development and policy making relevant to public works in the following countries; India, Korea, Malaysia, Philippines, Sri Lanka, Vietnam and Japan.

With the increasing concern of the global environmental problem and the frequent occurrence of the flood and drought in recent years, the adaptation to the climate change is becoming an urgent subject in the civil engineering field. The 16<sup>th</sup> conference took up "Integrated Water Resource Management Adapting to the Global Climate Change" as the subject of common interest among nations and also took up 'Water Resource Management', 'Water Disaster Management' and 'Water Environment and Wastewater Management' as the specific subjects.

In the conference, the participants had the presentations and discussions to enhance mutual understanding and to acquire knowledge to solve these problems, and had site visits related to advanced technologies and practices. In addition, the participants joined "The 16<sup>th</sup> International Symposium on National Land and Development and Civil Engineering in Asia" which was held in connection with the 1<sup>st</sup> Asia-Pacific Water Summit and had a panel discussion on the "Integrated Water Resource Management Adapting to the Global Climate Change in Asia" followed by the presentation of the situation and problems in each country.

The conference, through the presentations, the discussions, site visits and the symposium, is summarized as follows:

- 1) The participants could get the better understanding of the present situation, problems and works concerning the "Integrated Water Resource Management Adapting to the Global Climate Change" in each country and shared the knowledge and experience to solve the problem of each country.
- 2) The participants recognize the importance of working on the "Integrated Water Resource Management Adapting to the Global Climate Change" as well as the importance of conducting researches for them.
- 3) The participants affirmed a common recognition of the need to establish an international cooperative framework for research and implementation of adaptation measures about "Integrated Water Resource Management Adapting to the Global Climate Change".
- 4) The participants recognize the needs to cooperate with each other and continue the conference in the future.