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MUSLIM WATER RESEARCHERS COOPERATION
MUWAREC-YK09
14 -15 December 2009
at Yogyakarta, INDONESIA

Editors:
Djoko Legono
Sri Harto Brotowiryatmo
Dato’ Ahmad Fuad Embi
Abu Bakar Muhammad

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING
UNIVERSITAS GADJAH MADA
AND FACULTY OF ENGINEERING AND BUILT ENVIRONMENT
UNIVERSITI KEBANGSAAN MALAYSIA
INTERNATIONAL CONFERENCE ON SUSTAINABLE DEVELOPMENT
FOR WATER AND WASTEWATER TREATMENT

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Co-organized by
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FOREWORDS

In line with issues of water problem at all levels (global, regional, national, and local), various efforts have been made to improve better quality of living through proper water utilization. The target as stated in the Millennium Development Goal (MDG) to reduce the problem faced by people in accessing the drinking water and good sanitation into half of the existing problem may only be achieved through strategic development. Such problem persists in the form of water scarcity in both quantity and quality, eventually; this problem is more severe due to the impact of global warming and climate change. Through the platform of Muslim Water Researchers Cooperation (MUWAREC), exchange views, knowledge’s, best practices in water problem is conducted, technical and scientific meetings is held in rotation between Muslim countries. The first meeting of MUWAREC in Kuala Lumpur (December 15-16, 2008) was a successful one that participating countries (Malaysia, Indonesia, Pakistan, Uzbekistan, Egypt, and Arab Emirate Union) agree to keep continue in making the platform contribute more beneficial roles on the solution of water problem. Since the sustainable development is still become one of many important issues, focus on the similar theme is then adopted in the second meeting of MUWAREC (further termed as MUWAREC-YK09), was held in Yogyakarta, Indonesia, co-organized by Gadjah Mada University of Indonesia and National University of Malaysia, under the “International Conference on Sustainable Development for Water and Waste Water Treatment”.

About 43 papers from more than nine different countries and from various related topics (e.g.; water resources management, flood management and risk analysis, sediment problems in environment and ecology, sediment-related disaster and its countermeasures, groundwater pollution, waste water engineering and management, solid waste water technology and management, contaminant transport modelling and water quality control, community-based sanitation management) were presented, the discussions were conducted thoroughly to contribute future development of related water problems.

The co-organizer of the conference are really honoured to conduct the conference, and anticipate further cooperation among participating countries to contribute more beneficial action to solve the water problem. On behalf of the co-organizing committee of the conference, I really wish to thank to all participants who have contributed papers, and to all parties who have been involved throughout the implementation of the conference, and made the conference met a great success.

Yogyakarta, 14 December 2009

Chairperson,

Prof Ir. Djoko Legono, Ph.D.
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