

IAB LECTURE SERIES 2009-10

IAB takes the pleasure to invite you to a Presentation on **Urban Rainwater Harvesting** by **Ar. Mustapha Khalid** and **Ar. Qazi M. Arif** on 01 July 2010.

01 July 2010 (Thursday), 06:00 PM
Chhayanaut Bhaban

House 72, (2nd Flr), Road 15/A, Dhanmondi, Dhaka-1209

Ar. Mustapha Khalid Palash & Ar. Qazi M. Arif are eminent practicing Architects of the country. Both of them hold the position of Principal Architect in **Vistaara Architects** and **Envision Architects** respectively. Recently they attended a training programme on Urban Rainwater Harvesting from Centre for Science & Environment [CSE], New Delhi, India. They were nominated by **IAB** and their training was supported by **WaterAid Bangladesh**.

RAINWATER HARVESTING:
Need, Possibilities and Potentials
in the context of Urban Areas of Bangladesh

GROUNDWATER level in Dhaka has dropped down by 35m in the past 11 years. Ever increasing water demand and uncontrolled surface water pollution has also prompted people to depend enormously on groundwater.

The fast sinking water table of Dhaka - the world's fifth densely populated city, will not only aggravate the city's future water scarcity, but also create a vacuum in the aquifer. This will increase the risk factor during earthquakes and could lead to subsidence of the clay soil plate on which Dhaka is situated.

Rain Water Harvesting in such a country, where monsoon prevails for about 4-5 months of the year, can be an effective way to store water for later use and to recharge ground water as well. The present and future architectural development in the urban areas of Bangladesh, have got a significant role to play in relation to Harvest Rain Water and thus to mitigate the crisis to a considerable extent.

Presentation will discuss the background and present premises of water scarcity, options to address the crisis and will highlight basics and relevant technical issues of Rain Water Harvesting in order to incorporate the idea/tool in Planning, Architecture and Urban Design in the context of Dhaka and other urban Areas of Bangladesh.



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