

BIODATA



Professor Dr Aminuddin Ab Ghani

Dr. Aminuddin obtained his first degree in Bachelor of Science (Civil Engineering) from Columbia University in the City of New York in May 1989. He later pursued his postgraduate studies at University of Newcastle Upon Tyne, England. He received his MSc degree in Hydraulic Engineering in October 1990 and completed his doctoral study in December 1993 specializing in Sediment Transport. He also spent nine months during his postgraduate studies at an international research company namely the HR Wallingford, Oxford, UK.

Dr. Aminuddin is presently a Senior Professor and the Deputy Director of River Engineering and Urban Drainage Research Centre (REDAC). His main research interests are Sediment Transport, Flood Risk Management (FRM) and Sustainable Urban Drainage Systems (SUDS).

Among major research projects completed by REDAC are the Application of Bio-Ecological Drainage Systems or BIOECODS in Malaysia, River Sediment Data Collection and Analysis, Peak Flow Attenuation using Infiltration Engineering Systems and Storage Tank, and four Eight Malaysian Plan IRPA grant projects. Recent studies include River Sand Mining Capacity in Malaysia, Design Options of the Flood Mitigation Plan of River Muda, River Inventory and Monitoring Program, and Erosion and Sediment Control in Malaysia. Overall, REDAC has received research grants totaling over RM 20 million for the past ten years. Recently, REDAC has been recognized as a Higher Institution Centre of Excellence (HICoE) in service by the Ministry of Higher Education, Malaysia.

Dr. Aminuddin is an exco member for Sewer System and Processes Working Group (SSPWG) under the auspices of International Water Association (IWA) and International Association for Hydro-Environment Engineering and Research (IAHR)'s Joint Committee on Urban Drainage. Presently Dr. Aminuddin is an Editorial Board Member for the International Journal of River Basin Management (JRBM), published by IAHR and an Associate Editor for the IWA's Water Science and Technology journal.