

# water MALAYSIA



ISSN: 1675-2392

KDN No. PP 6646/03/2013(032826)

ISSUE NO. 34 (APRIL 2018)

RM12 EM

RM10 WM



## MWA BULLETINS OVER 30 YEARS.....



### Borneo Water & Wastewater Exhibition & Conference 2018

Date: October 2018  
Venue: Tabung Haji Hotel,  
Kuching



The Malaysian Water Association Bulletin

|   |           |   |           |
|---|-----------|---|-----------|
| <b>President's Desk</b>   | <b>3</b>  | <b>Featured Articles</b>  |           |
| <b>Special Feature</b>  |           | • Management of Water Conservation Forests for Over 100 Years                     | <b>12</b> |
| • MWA Industry Forum on "Challenges in Meeting Regulatory Requirement for Water Industry" | <b>4</b>  | • Safe Drinking Water Through Comprehensive Monitoring                            | <b>18</b> |
| • One Day Workshop on "Design, Construction and Operation of RBF Schemes"                 | <b>6</b>  | • Cape Town Water Crisis: Adapting To A Water-Scarce Future                       | <b>20</b> |
| <b>Featured Articles</b>  |           | • Sustainable Service Quality (SUSSERV) of Malaysian Water and Sewerage Companies | <b>22</b> |
| • Development of Semenyih Dam Storage Prediction Model                                    | <b>8</b>  | <b>MWA Activities</b>   | <b>27</b> |
| <b>MWA Membership</b>   | <b>11</b> | <b>MWA Upcoming Events</b>  | <b>28</b> |
|   |           | <b>Malaysian Water Academy (MyWA)</b>   | <b>29</b> |
|   |           | <b>News</b>   | <b>33</b> |



## The Malaysian Water Association (MWA)

No. 24 Second Floor, Jalan Sri Hartamas 8, Taman Sri Hartamas  
50480 Kuala Lumpur, MALAYSIA.

Tel: +603 6201 2250/9521 Fax: +603 6201 5801 Website: [www.mwa.org.my](http://www.mwa.org.my)

## MWA Council for 2017/2019 Session

President

**YBhg. Datuk Ir. Abdul Kadir bin Mohd Din**

Deputy President

**YBhg. Dato' Ir. Hj. Noor Azahari bin Zainal Abidin**

Vice Presidents

**Ir. Hj. Mohamad Asari bin Daud**  
**Assoc. Prof. Dr. Norhayati binti Abdullah**

Immediate Past President

**Ir. Syed Mohamed Adnan bin Mansor Alhabshi**

Hon. Secretary General

**Ir. Zulkiflee bin Ab Hamid**

Hon. Treasurer General

**Mdm. Amy Yew Sze Kiat**

Ordinary Council Members

**Ir. Beh Hong Lin**  
**Ir. Chang Kuet Shian**  
**Dr. Ching Thoo A/L Kim**  
**Mr. Desmond Lim Meng Keat**  
**Mdm. Hjh. Fadzilah binti Abdul Kadir**  
**Ir. Kho Lip Khiong**  
**YBhg. Dato' Ir. Low Keng Kok**  
**Mr. Mansor bin Abdul Ghani**  
**Mr. Mohamad Hairi bin Basri**

**Prof. Ir. Mohamed Haniffa**

**bin Hj. Abdul Hamid**  
**Mr. Shamsul Fahmi bin Mohd Padzli**  
**Ir. Tham Yee Kiong**

Publication Committee Members

**YBhg. Dato' Ir. Low Keng Kok**  
**YBhg. Dato' Ir. Hj. Noor Azahari bin Zainal Abidin**  
**Ir. Tham Yee Kiong**  
**Ir. Beh Hong Lin**  
**Mdm. Hjh. Fadzilah binti Abdul Kadir**  
**Mr. Lee Koon Yew**  
**Mr. Mohd Farid bin Mohamed Nor**  
**Ms. Rubby Mahmud**

### Disclaimer

The Malaysian Water Association (MWA) quarterly bulletin ("Water Malaysia") is provided as a service to our members. The articles written by various authors and news from external sources are published in good faith for the benefit of our readers and do not necessarily reflect the views of MWA. Further, we give no assurance or warranty that the published information is current or accurate and take no responsibility for any losses or consequences arising from its transmittal through the bulletin.

Published on behalf of MWA by:

**COYS GRAPHIC DESIGN** (002601789-P)

No. 96-3B, Blok G, Jalan PJU 1/3B, Sunway Mas Commercial Centre, 47301 Petaling Jaya, Selangor.  
Tel / Fax: 603 7886 5711 Email: [se\\_kj@yahoo.com](mailto:se_kj@yahoo.com)

Printed by:

**WAHKIM PRINT SDN. BHD.** (836216-T)

No. 28, Jalan 30B/146, Desa Tasik Sungai Besi, 57000 Kuala Lumpur.  
Tel: 603 9056 3229/9057/3229 Fax: 603 9057 3228  
E-mail: [info@wahkim.com](mailto:info@wahkim.com)