



# THE INSTITUTION OF ENGINEERS, MALAYSIA

Bangunan Ingenieur, Lot 60/62, Jalan 52/4 Peti Surat 223, 46720 Petaling Jaya, Selangor Darul Ehsan  
Tel : 03-79684001/2 Fax : 03-79577678 E-mail : sec@iem.org.my IEM Homepage: http://www.myiem.org.my

## TECHNICAL VISIT TO IADA BARAT LAUT SELANGOR (Tanjung Karang Irrigation Scheme)

BEM approved CPD/PDP hours: 3 Ref No: **IEM15/HQ/011/V**

Organised By: Water Resources Technical Division, IEM

**Date : 7<sup>th</sup> February 2015**

**Time : 8.00am to 2.30pm (Participant to assemble at Bgn Ingenieur, PJ at 7.45am)**

**Venue: IADA Barat Laut Selangor, Kuala Selangor**

### SYNOPSIS

The Integrated Agriculture Development Authority (IADA) Barat Laut is the authority in-charge of developing the Tanjung Karang Irrigation Scheme located within the North West Selangor Integrated Agricultural Development Project. The Tanjung Karang Irrigation Scheme, covers an area of about 18,195 ha. Agricultural drainage areas fringe the irrigation scheme, except to the east, which is bounded by the Tanjung Karang peat swamp. The irrigation scheme, extends in a northwest-southeast direction over a length of 40 km along the coast with a width of 5 km on average. The bulk of the irrigation supply is diverted from the Bernam River Headworks (BRH), located about 130 km upstream of the Sg. Bernam estuary. Supplies are augmented by the Bagan Terap pumphouse, situated further downstream. The 15 km long feeder canal from the BRH flows through the Tanjung Karang swamp into the Sg. Tengi and thence into the main canal. The focus of IADA is to increase cropping intensities, per hectare yields and ensure more reliability of water availability to ensure lower instances of water stress on crops. With improvements and modernisation of the infrastructure, and improved water control and management, it will be possible to increase the cropping intensity to 200% (Double cropping).

TIME	TENTATIVE ITINERARY
8.00am – 8.30am	Registration at Bangunan Ingenieur
8.30am – 9.30am	Bas Departure from IEM to IADA Barat Laut
9.30am – 10.30pm	Briefing by IADA Barat Laut on the Tanjung Karang Irrigation Scheme
10.30pm - 12.00pm	Field visit to Tanjung Karang Irrigation Scheme
12.30pm – 1.30pm	Lunch at Kuala Selangor
1.30pm – 2.30pm	Departure from Kuala Selangor to IEM

**COMMITMENT FEE**  
(Non refundable  
& non transferable)  
IEM Member : RM 60.00  
Non Member : RM 80.00

The visit is strictly limited to only **thirty (30) participants** registered on a 'first come, first served' basis.

- ✓ Interested members could :
  - Register and pay online at IEM website (<http://www.myiem.org.my>); OR
  - Register by returning the appended registration form by 5<sup>th</sup> February 2015
- ✓ Cheques are to be made payable to "The Institution of Engineers, Malaysia".
- ✓ The commitment fee must be settled prior to the visit.

**Dato' Ir. Haji Hanapi Bin Mohamad Noor**  
**Chairman**  
**Water Resources Technical Division**

**TECHNICAL VISIT TO IADA BARAT LAUT SELANGOR (Tanjung Karang Irrigation Scheme) on 7<sup>th</sup> February 2015**  
**REGISTRATION FORM (Fax: 03-7957 7678 Email: [roselein@iem.org.my](mailto:roselein@iem.org.my))**

I wish to participate in the above visit on 7<sup>th</sup> February 2015 (Saturday) I enclose herewith cash/cheque ..... for the amount of RM..... as my commitment fee for the visit.

Name: \_\_\_\_\_ IEM Membership No: \_\_\_\_\_

NRIC No: \_\_\_\_\_ Mobile No: \_\_\_\_\_

Company Name: \_\_\_\_\_ Fax No: \_\_\_\_\_

Email Address (please write clearly as the  
confirmation letter will be sent via email) \_\_\_\_\_

I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

.....  
Signature

.....  
Date

-Photocopies are acceptable -