ASIAWATER
23-25 APRIL 2024
Kuala Lumpur Convention Centre, Malaysia

ENSEARCH
For a Better Environment

6 CPD Hours* (EiMAS/2024/CPD0467/MFA)
(MBOT CPD Hours Applied)

EXCLUSIVE 2 IN 1 TRAINING

Register for the Training and entitle a

FREE SEAT at the ASIAWATER 2024 Conference!

23rd April 2024

Kuala Lumpur Convention Centre (KLCC)

Kuala Lumpur City Centre, 50088 Kuala Lumpur, Federal Territory of Kuala Lumpur

Click here to learn more about the Conference!

ASIAWATER 23-25 APRIL 2024 Kuala Lumpur Convention Centre, Malaysia

SCAN ME

+603-77709445 +6011-26249445 po@ensearch.org www.ensearch.org

REGISTER HERE:

TRAINING FEE WITH FREE CONFERENCE SEAT:

Member
RM 1000

Non-Member
RM 1400

New Individual Membership
+ Training Fee
RM 1250

HRDC Claimable + Member
RM1200

HRDC Claimable
+ Non-Member
RM1500

SCAN ME

FUNDAMENTALS OF SURFACE WATER QUALITY ASSESSMENT

IR. DR. ZAKI ZAINUDIN

OVERVIEW: In light of rising river pollution and increasing pollution loads, water quality assessment is crucial for catchment planning. Assessment involves diverse areas such as field surveys, sampling, preservation, and laboratory analysis. This course aims to provide participants with a comprehensive understanding of water quality assessment processes to prevent errors, misdiagnosis, and mismanagement.

OBJECTIVE:

1. To discuss the fundamentals of water quality assessment including field survey, sampling, preservation, laboratory analysis, standards, and regulations.
2. To discuss uses of surface water quality modeling tools in water quality management.

Click here to learn more about the Conference!

ASIAWATER
23-25 APRIL 2024
Kuala Lumpur Convention Centre, Malaysia

WATER QUALITY ANALYSIS IN INDUSTRIAL EFFLUENT PERFORMANCE MONITORING

TS DR FATEHAH MOHD OMAR

OVERVIEW: The wastewater treatment system is comprehensively addressed, detailing the functions of its components and their interplay in achieving optimal performance.

The theoretical aspects cover the significance of water quality parameters in supporting plant operation, while data interpretation and efficiency calculations are discussed for monitoring plant performance and troubleshooting. *Introduction to GIS, GIS component and its application in river and coastal monitoring as well as future of GIS in river and marine pollution will be discussed in detail.*

OBJECTIVE:

1. To gain a better understanding of the anatomy of the wastewater treatment plant and how it serves the system's performance.
2. To understand the theories and how the water quality affects the efficiency of the wastewater treatment system.
3. *To understand GIS mapping on pollution sources in river and marine pollution*

+603-77709445 +6011-26249445 po@ensearch.org www.ensearch.org

TRAINER'S PROFILE : TS DR FATEHAH MOHD OMAR

Ts. Dr. Fatehah Mohd Omar is an expert in water and wastewater treatment, together with water monitoring. She holds a doctoral degree in Environmental Science from University of Geneva, Switzerland since 2015. Dr Fatehah is a very active researcher. she has completed more than 20 researches, published over 50 journals and book chapters. Some of the researches are, 'The Behaviour of Nanoparticle Pollutants in Water and Wastewater Treatment Via Application of Zeta Potential and Hydrodynamic Diameter Technique Study,' The Dispersion and Pollutant Behavior in River Basins using Total Maximum Daily Load (TMDL) approach and Qual2K Modelling , and many more.

TRAINER'S PROFILE : IR. DR. ZAKI ZAINUDIN

DR. ZAKI ZAINUDIN is a renowned environmental in the area of water quality assessment and modeling, having led and played key roles in hundreds of environmental studies for both private and government sectors. He is a Professional Engineer with the Board of Engineers Malaysia (BEM), Chartered Engineer (CEng) with the Engineering Council, UK and Chartered Environmentalist. (CEnv) with the Society for the Environment (SocEnv, UK). He is often a source of reference for various organizations on surface water quality management; such as being an expert panelist for the Department of Environment Malaysia (DOE, EIA, Water and Marine units) and is advisor to many prominent environmental and engineering firms. He has conducted various workshops and talks on Water Quality and Modeling at both local and international venues. Zaki is also on the Management Committee of the International Water Association (IWA), Watershed and River Basin Management (W&RBM) Specialist Group.

TENTATIVE PROGRAMME

08.30 a.m – 09.00 a.m	Registration
09.00 a.m – 09.30 a.m	Wastewater Treatment System and Its Functioning Components
10.00 a.m – 10.30 a.m	Coffee Break
10.30 a.m – 11.30 a.m	Data Interpretation and Calculations, Arising Problems and Troubleshooting Options
11.30 a.m – 01.00 p.m	GIS Mapping on Pollution Sources in River and Marine Pollution
01.00 p.m – 02.00 p.m	Lunch
01.45 p.m – 02.00 p.m	Registration
02.00 p.m – 03.30 p.m	The Basics of Water Quality Assessment; Parameters, Standards, Regulations, Tools, Equipment, Monitoring
03.30 p.m – 03.45 p.m	Coffee Break
03.45 p.m – 05.00 p.m	Use of Water Quality Models In Assessment And Decision Making