



# Naturally Occurring Radioactive Material (NORM)

## Current Issues & Requirements

# NORM 2021 WEBINAR

The NORM 2021 Webinar aims to gather professionals from relevant authorities and industries to share their thoughts on issues associated with safe handling and management of naturally occurring radioactive material (NORM) and its byproducts. In Malaysia, NORM issues has become the attention and concern of Authorities, Non-Governmental Organizations (NGOs) and the member of the Public. This webinar would be able to clarify inaccurate interpretation and judgement of scientific data and analysis that has been causing uncertain development in the relevant industries such as mining, mineral and rare earth processing, recycling and recovery of byproducts, special waste treatment and final disposal.

### Objectives of the webinar:

- To create awareness and understanding of NORM and its associated byproducts
- To understand the related health and environmental issues
- To understand the socio and economic impacts of NORM

Time	Program	Speaker
7.45 – 8.30	Registration	
8.30 – 8.40	Welcome note by Prof. Dr. Abdul Aziz Mohamed, President, Malaysia Nuclear Society (MNS)	
Morning Session		
8.45 – 9.00	Standards as the catalyst for sustainable development	SIRIM STS Sdn Bhd
9.05 – 9.35	Rules & Requirements for NORM Operation	Dr. Suhana Jalil, Atomic Energy Licensing Board
9.40 – 10.10	EIA requirements for disposal of NORM residue (To be confirmed)	Department of Environment
10.10 – 10.30	Morning break & Online Quiz	
10.30 – 11.00	NORM Research Study (To be confirmed)	Dr Suhaimi Md Elias, Agensi Nuklear Malaysia
11.05 – 11.35	Radiation and occupational health: A review of previous findings among Malaysian workers	Prof Madya Dr Irniza Rasdi, Malaysian Society for Occupational Safety and Health
11.40 – 12.10	Towards development of an optical fibre based scintillation sensor for NORM surveys	Prof. Dr. David Andrew Bradley, Sunway University
12.15 – 13.00	Q&A Morning Session (Moderator: Dr. Hafizal Yazid, Agensi Nuklear Malaysia)	
13.00 – 14.30	Lunch Break & Online Quiz	
Afternoon Session		
14.30 – 15.00	Recycling of NORM Residue	Dr. Abdul Wahab Yusof, Ex-Director General, Agensi Nuclear Malaysia
15.05 – 15.35	Laboratory Testing of Low-Level Radioactivity	Mr. Yii Mei Wo, Agensi Nuklear Malaysia
15.40 – 16.10	Environmental & Radiological Monitoring	Ms. Anne Lawai, Alypz Sdn. Bhd.
16.15 – 16.45	NORM waste management and disposal options	Ts. Razali Harun, REM Consultants Sdn Bhd
16.45 – 17.30	Q&A Afternoon Session (Moderator: Prof. Dr. Abdul Aziz Mohamed, President of MNS)	
17.30	End	

27 JULY  
2021  
Microsoft Teams

RM 200/Pax

3 -5 pax: 5 % discount  
> 5 pax: 10 % discount  
Student’s Special Price: RM 120/Pax\*

\*Please contact organizer for student price

### Who should attend:

- Radiation Protection Officer
- Radiation Protection Supervisor
- Environmental Officer/Consultant
- Oil & Gas Operator
- Mining/Rare Earth Operator
- Waste Operator
- Laboratory Service
- Government Agencies
- Non-Governmental Organization
- Academician/Researchers
- University Students

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