

# WEBINAR TALK ON REMEDIATION OF CONTAMINATED LAND - A PRACTICAL APPROACH

Organised by :  
Environmental Engineering Technical Division, IEM  
in collaboration with  
Engineers Australia Malaysia Chapter (EAMC)




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**4 SEPTEMBER 2021, SATURDAY  
9.00AM - 10.30AM**

**SPEAKER: MR. ANTHONY COLE**

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# SYNOPSIS

Due to increasing global soil and water pollution from current and historical industrial land uses as well as land changing to residential usage, there is an increased need to remediate lands formerly used by industry. The principal objective of soil and groundwater remediation is to remove contamination or free product and/or reduce the concentration of contaminants in the soil and/or groundwater to acceptable level based on the land use. Your remedial strategy will be based on the contamination of your site, the linkage to receptors and local regulations. Some of the basic remediation technologies applied are Air sparging, Bio-Sparging, Multi Phase Extraction, soil washing, thermal desorption or natural attenuation. Each of these technologies will be discussed on their application and limitations.

# SPEAKER'S PROFILE

Mr. Anthony Cole received his Bachelor of Science in Interdisciplinary Studies from University California Fresno in 1999. Mr. Cole is currently working for AECOM Malaysia and has 20 years of experience in the environmental industry working on large scale remediation projects in the both US and South East Asia. He has led several major environmental site assessment programs for oil and gas companies, industrial companies and the US Air Force. His key area of focus is in soil and groundwater remediation, including various system design, installation, commissioning, operation & maintenance, optimization and decommissioning.

