

# Vebinar on "Risk Management, How the Insurance Industry use COPE to Understand the Risk"

Organised by Safety in Engineering Special Interest Group (SESIG), IEM



SPEAKER: Ir. LOO CHEE KIN

# TUESDAY 26 OCTOBER 2021 10.00 AM - 12.00 PM

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REGISTRATION FEES (Online Rate): IEM Students: FOC IEM Members: RM15 Non-IEM Members: RM70 Register online at www.iem.org.my

#### Synopsis

COPE is an acronym that stands for the four characteristics an insurance underwriter reviews when evaluating the risk presented by a building; Construction, Occupancy, Protection and Exposure. Although the COPE approach has traditionally been used to evaluate the risk presented by existing buildings, this approach can also be used to manage the risk presented by a project.

This session will illustrate some of the COPE ideas. The speaker will provide pointers on available resources to engineers, as some of the resources are readily available online.

As engineers, it is necessary to be concern about any possible risks before and during the project period as well as the facility's concerns while in operational stage and till the facility is finally decommissioned. In that before stage, it should include code assessment and risk management in the project conceptual and site selection too.

# **Speaker's Profile**

*Ir. Loo Chee Kin* is a Senior Consultant with TÜV SÜD Global Risk Consultants (GRC) and before that he was a Senior Engineering Specialist with FM Global for some 12 years. He has more than 20 years engineering experience, from design to field work. He graduated from UMIST, Manchester, UK with a B.Eng in Electromechanical Systems Engineering and prior to that a Diploma in Electromechanical Systems Engineering from Kota Bharu Polytechnic in Kota Bharu, Malaysia.

He is a P.Eng in Mechanical and Electrical Engineering and a Member of IEM. He is a Member of IMechE and IET, and registered C.Eng. He is an active committee member in the IEM, the current Advisor of IEM Mechanical Engineering Technical Division (METD), past Chairman of Disaster Risk Reduction Advisory Board (DRRAB), member in the Fire Advisory Board (FAB), member in this SESIG as well as various Sub-Committees and Boards. Ir. Loo represents IEM to various dialogues with Bomba, DOSH and other agencies as well as trainer and speaker for courses and seminars. He represents IEM to various National Standard Committees (NSC) in Department Standards Malaysia (DSM), namely Safety (W) and Fire Safety (M), the Management Committee on International Electrotechnical Commission System for National Certification (MyENC) to Standards Relating to Equipment for Use in Explosive Atmospheres (IECEx) (ExMC).

### About SESIG

The objective of Safety in Engineering Special Interest Group (SESIG) is to inculcate the safety culture, and improve skills and knowledge of our engineering society; so we as engineers can provide engineering services, which uphold the Code of Ethics, and safety, health, and welfare of the workers and public in the performance of our professional duties.

You should join SESIG if you are practicing in one or more of the following areas: ·Safety Management Systems ·Risk Assessment and Management ·Forensic Engineering ·Ergonomics ·Factory and Machinery Management ·Dangerous Machinery Safety ·Certificated Machinery Safety ·Certificated Machinery Safety ·Emergency Response Management ·Industrial Hygiene and Occupational Health ·Workplace & Work Equipment Safety ·Construction Safety ·Hazardous Chemical Management ·Security ·Or any related to occupational health and safety engineering

Engineers from various disciplines are dealing with one or more of these safety aspects as part of their engineering responsibilities. SESIG was established as a space for safety engineers and subject matter experts (SMEs) to come together as a technical group to guide engineers of various disciplines on safety related matters based on the national and global needs at the present and for future.

Join us in this webinar as well as sign up to be a member in SESIG (no additional IEM subscription to join if you're already an IEM member). Not yet an IEM member? Check out our website to join <u>https://www.myiem.org.my/</u>

#### What to expect when you join SESIG

•A knowledge sharing platform in safety and health related issues

·Bridging the gaps on safety and health requirement

·Involve in change and give input on new safety legislation drafting process

·Board of investigators on accident inquiry

**·Formation of Safety Technical Expert Panel** 

•Regular safety alert based on recent accidents case or safety developments •Bring engineers input on safety issues for the benefit of public, workers as well as assisting society of safety practitioners

Any engineer is ethically obligated for safety, health and welfare matters in their workplace or engineering design. Risk management and engineering control are cornerstone for safety and health management, and prevent accident and minimize such occurrence.