

ORGANISED BY SETSCO'S
BIOLOGICAL & CHEMICAL TECHNOLOGY DIVISION

Environmental Sustainability

Setsco Services Pte Ltd will be organizing a technical forum to reach out to our clients who represent a broad range of industries to address issues of environmental sustainability. Expert speakers from both Setsco and relevant industries will be presenting a range of topics which include air monitoring, land contamination, laboratory technology and environmental legislation and policy.

Date & Time

11th July 2014, Friday

8.30am to 5pm

(Free Registration)

Registration closing date: 16 June 2014, Monday

Venue

Matrix Auditorium,

Biopolis (Level 2)

30, Biopolis Street,

Singapore 138671



PROGRAMME SCHEDULE

Time	Description
0830hrs	Guest Arrival & Registration
0910 hrs	Welcome Address
0915 hrs	Ms. Elizabeth Lee - Indoor Air Quality
0945 hrs	Mr. Donald William Folkoff - Land Contamination
1015 hrs	Tea Break cum Networking & Exhibition
1045 hrs	Mr. Lei Zhi Pei - Green Product / Label Analysis
1115 hrs	Mr. Leo Cher - Green Mark Certification
1145 hrs	Panel Review
1230 hrs	Lunch
1400 hrs	Mr. Ng Wee Kiat - Eco-certifications & Our Environment
1430 hrs	Ms. Koh Lay Kuan - Analytical Chemistry of Environmental Media
1500 hrs	Mr. Toh Teck Yeow - Air Emission & Hydrology
1530 hrs	Tea Break cum Networking & Exhibition
1600 hrs	Ms. Elizabeth Lee - Case Study on Jurong Island Sand Aquifer Project
1630 hrs	Panel Review
1700 hrs	End

TEA BREAK REFRESHMENTS

Tea break refreshments have been catered to all participants.

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SETSCO SERVICES PTE LTD

18 Teban Gardens Crescent
Singapore 608925
Tel: (65) 6566 7777
Fax: (65) 6566 7718
www.setsco.com
marketing@setsco.com



SPEAKERS' PROFILE

Ms. Elizabeth Lee
(Divisional Director, Biological & Chemical Division, Setsco)

"Indoor Air Quality & Case Study On Jurong Island Sand Aquifer Project"

Ms Lee is a certified IPEA (Institute of Professional Environmental Practice, USA) Qualified Environmental Professional and has been involved in numerous SBS (Sick Building Syndrome) and indoor air quality investigations in buildings ranging from medical facilities to commercial and residential buildings, factories and public transport facilities.

Ms Lee has also attended intensive course organized jointly by Ngee Ann Polytechnic and Ministry of Environmental on sampling and monitoring of air-borne contaminants in factories and offices.

Ms Lee has been involved in numerous projects including but not limited to:

- 1) Indoor air monitoring and consultancy at Ocean Building, Ocean Towers, Prudential Towers, SLF Building, Prudential Tower, Capital Square, UOB Plaza, DBS Tampines Centre, Changi Airport Terminal 1 & 2 etc. Assessment involved walkthrough audits, working out hypothesis and monitoring of airborne pollutants such as carbon dioxide, carbon monoxide, formaldehyde, volatile organic compounds, total and respirable dust etc. Other parameters included temperature, humidity, air movement etc.
- 2) Ambient and Indoor Air Quality Assessment at Singapore Pools.
- 3) Investigation of Sick Building Syndrome at Changi Airport Terminal 2. Complaints arose when tenants complained of headaches.
- 4) Air Quality of Offices and Carpark at Suntec City to study the effect of vehicular emissions on the environment. Parameters studied involved 8 hours monitoring of Oxides of Nitrogen, Sulphur Dioxide, Carbon Monoxide etc.
- 5) Investigation of offensive odours in schools, office environment and condominiums such as Cycle and Carriage in Alexandra Road, Capital Square, Queenstown Secondary School, Melrose Park etc.

Mr. Ng Wee Kiat
(Resident Environmental Engineer, Singapore Environment Council)

"Eco-certifications & Our Environment"

Mr. Ng joined SEC in 2014 as a Residential Environmental Engineer. He is involved in the administration of the Singapore Green Labelling Scheme, the oldest and most recognised eco-label in the region. He has been involved in environmental outreach projects in Singapore for almost 10 years.

Outside of his duties, Wee Kiat likes to stay abreast with environmental issues, which allows him to have unique perspectives when handling projects. Wee Kiat graduated from Nanyang Technological University (NTU), with a Major in Environmental Engineering.

Mr. Donald William Folkoff
(Assistant Manager, Biological & Chemical Division, Setsco)

"Land Contamination"

Mr. Donald has been a professional geologist with over 35 years experience the last 20 have been in environmental consulting conducting environmental site assessments, compliance audits and contaminated land remediation. Mr Folkoff has served as an expert witness for land contamination cases and has served as a panel consultant for the SLA and JTC.

Mr. Toh Teck Yeow
(Principal Engineer, Biological & Chemical Division, Setsco)

"Air Emissions & Hydrology"

Mr. Toh has been involved in environmental engineering and monitoring for over 10 years, with a diversified wealth of experience in ambient air monitoring, source emission monitoring and water quality monitoring. Mr Toh was actively involved in many of the water quality monitoring projects during the pre and post construction phases of the Marina Barrage.

Mr. Leo Cher Wei Kwang
(Assistant Manager, G-Energy Global Pte Ltd)

"Green Mark Certification"

A graduate from Nanyang Technological University, Singapore, in Environmental Engineering, Leo has been working in the environmental sustainable design (ESD) since graduation.

As an ESD manager, he was deeply involved in identifying potential areas in environmental sustainability and energy saving within buildings in various industries and countries in Southeast Asia, providing recommendations and solutions for green building design.

Mr. Lei Zhi Pei
(Senior Manager, Biological & Chemical Division, Setsco)

"Green Product / Label Analysis"

Mr. Lei has been a professional chemist with over 24 years experience the last 10 have been in hazardous chemicals analysis in material, products and environment such as green label and green mark products consulting and analysis. As a technical committee member of green label and green mark taskforce, he is actively involved in the green product evaluation protocol/criteria development and review.

Mr Lei is the Department Head of Microcontamination in Setsco.

Ms. Koh Lay Kuan
(Manager, Biological & Chemical Division, Setsco)

"Analytical Chemistry of Environmental Media"

Ms. Koh has been involved in environmental testing field for more than 10 years and actively involved in projects related with soil, air and water quality monitoring, waste water treatment plant and desalination plant.