

第9回アジア太平洋埋立会議 (The 9th Asia-Pacific Landfill Symposium)

APLAS Hong Kong 2016 事後報告書

国際委員長 大野文良

APLAS パーマネント事務局長 石井一英

1. タイトル・日時・場所

タイトル : The 9th Asia-Pacific Landfill Symposium

- Integrated Waste Management and Sustainable Landfilling -

日時 : 2016年11月9日(水)～11日(金) (11日は施設見学)

場所 : 香港大学(中国)

2. 組織

1) 主催

NPO 最終処分場技術システム研究協会

香港大学 (The University of Hong Kong)

2) 共催

The Hong Kong Polytechnic University (PolyU)

Guangdong Institute of Eco-environmental and Soil Sciences (GIESS)

3) 創設者

花嶋正孝 (NPO・LSA 最高顧問)

4) Chairpersons

古市 徹 (NPO・LSA、理事長)

Sze-Chun Wong, BBS, JP (香港大学土木工学科長)

5) Local Organizing Committee

幹事長 : Kaimin Shih (香港大学)

Elvis Wai Kwong Au

(Environmental Division of Hong Kong, Institute of Engineers (HKIE))

Eva Kong (Institution of Civil Engineers, Hong Kong, Association (ICE HKA))

Alfred C. K. Lee

(The Chartered Institution of Water and Environmental Management
(CIWEM), Hong Kong Branch)

Henry Po-Heng Lee (The Hong Kong Polytechnic University)

Kenneth Mei Yee Leung (The University of Hong Kong)

Victor Chi-leung Li (Hong Kong Waste Management Association)

Xiao-yan Li (The University of Hong Kong)

Chengshuai Liu (Guangdong Institute of Eco-environmental and Soil Sciences)

Irene Man Chi Lo (Hong Kong University of Science and Technology)

Sérgio D. N. Lourenço (The University of Hong Kong)
Wilson W. S. Lu (The University of Hong Kong)
Chi-Sun Poon (The Hong Kong Polytechnic University)
Daniel Chiu-wa Tsang (The Hong Kong Polytechnic University)
Gang Wang (American Society of Civil Engineers (ASCE), Hong Kong Section)
Jonathan Woon Chung Wong (Hong Kong Baptist University)
Kenny Siu Wai Wong (Hong Kong Productivity Council)
Tong Zhang (The University of Hong Kong)
Xiangru Zhang (Hong Kong University of Science and Technology)

6) APLAS パーマネント事務局 (NPO・LSA)

Kazuei Ishii
Fumiyoshi Ohno

7) Executive Programme Committee (Local)

Ruby Kwok (Department of Civil Engineering, The University of Hong Kong)
Minhua Su (Department of Civil Engineering, The University of Hong Kong)

8) Sponsors

The University Grants Committee (RGC Projects T21-771/16R and C7044-14G), HKSAR
Iron Man Environmental Technology Col, Ltd.
Bürkert Fluid Control Systems
Gene Company Limited
NAUE Asia Sdn. Bhd.
SITA Waste Services Ltd.
CETCO
Eight-Japan Engineering Consultants Inc.
Dowa Eco-System Co., Ltd.
Hitachi Zosen Corporation
Swing Corporation
EX Research Institute Ltd.
Yachiyo Engineering Col. Ltd.

9) Supporting Organization

American Society of Civil Engineers (ASCE), Hong Kong Section
The Chartered Institution of Waste and Environmental Management, Hong Kong Branch
The Environmental Division of The Hong Kong Institution of Engineers (HKIE)
Hong Kong Waste Management Association
Institution of Civil Engineers, Hong Kong Association (ICE HKA)
Research Institute for Sustainable Urban Development, The Hong Kong Polytechnic University

4. オープニングセレモニー

Professor T. S. Andy Hor

Vice-President and Pro-Vice-Chancellor (Research), The University of Hong Kong

Distinguished Guest Mr. Kam-sing Wong

Secretary for the Environment,

The Government of the Hong Kong Special Administrative Region

Professor Toro Furuichi

President of NPO, LSA, Japan

Professor Sze-chun Wong

Head of the Department of Civil Engineering, The University of Hong Kong

Symposium Guest Ms. Hiroko Yokota

Sector Chief, Office of Sound Material-Cycle Society, Waste Management and

Recycling Department, The Ministry of Environment, Japan

5. 発表件数・参加者など

1) 基調講演：3件（米国1、日本2）

(1) Genomic and Proteomic Insights into Syntrophy and its Role in

Biomethanation in Engineered Habitats

Professor Michael J. McInerney

University of Oklahoma, USA

(2) Appropriate Waste Management in Monsoon Asia

Dr. Masato Yamada

National Institute for Environmental Studies, Japan

(3) Waste to Energy Facilities for a Low Carbon Society

Professor Masaru Tanaka

Institute of Solid Waste Management Engineering (RISWME), Japan

2) 一般発表：129件（15カ国）

3) 口頭発表：106件

4) ビジネスセッション口頭発表：6件

5) ポスター発表：17件

6) 参加者数（発表者含む）

シンポジウム 356名

クロージングセレモニー 203名

施設見学 約50名

表1 一般発表の国分布

Japan	34
Hong Kong	25
China	17
Korea	16
Indonesia	11
Iran	4
Malaysia	4
USA	4
Germany	3
India	3
Taiwan	3
Cambodia	2
Nigeria	1
Sri Lanka	1
Vietnam	1
合計	129
国数	15

6. ビジネスセッション（口頭発表＋ブース展示）

座長 石井一英（NPO・LSA APLAS パーマネント事務局長）

1) Keynote Speech: Waste to Energy Facilities for a Low Carbon Society

Professor Masaru Tanaka

2) Introduction of Waste Management in Japan

Hiroko Yokota, Ministry of the Environment, Japan

3) Introduction of Our Methane Fermentation Technology

Yasuhiro Wada, Hitachi Zosen Corporation (Hitz)

4) Business Activities of DOWA ECO-SYSTEM Co., Ltd

Satoshi Morimoto, DOWA ECO-SYSTEM, CO., Ltd.

5) Municipal Solid Waste Treatment Projects of E-J Group in South-East Asia in 2016

Nguyen Thi Hoa Ha, Eight-Japan Engineering Consultants Inc.

6) CETCO Environmental Products Introduction

Bart Rowland, CETCO

7) Landfilling Operation and Management in Southeast Asian Countries and Other Technical and Social Matters

Kazuei Ishii, LSA

7. LSA ブース展示

展示物：APLAS のヒストリー

配布物：①LSA パンフレット（英語）

②APLAS ヒストリー

③Landfilling Operation and Management in Southeast Asian Countries and Other Technical and Social Matters（T-1 分科会成果物）

④水 ing 株式会社パンフレット

⑤株式会社エックス都市研究所パンフレット

⑥八千代エンジニアリング株式会社パンフレット

⑦株式会社アクトリーパンフレット

⑧鹿島建設株式会社パンフレット

⑨清水建設株式会社パンフレット（展示）

※各 100～150 部準備、全て配付された。

8. クロージングセレモニー

場所：Jumbo Kingdom Floating Restaurant (Shum Wan Pier Drive, Aberdeen)

ポスター賞： Current Conditions and Problems about How to Dispose of
Toiletries Waste and Medicine Waste in Japan

Mikio Kawasaki*, Kazuyuki Suzuki, Yugo Isobe (埼玉県環境科学国際センター)

引継ぎ式：

司会：石井一英 (NPO・LSA APLAS パーマメント事務局長)

あいさつ：大野文良 (NPO・LSA 国際委員長)

次回開催紹介：2018 年秋頃、東京開催：宮脇健太郎 (明星大学 教授)

トロフィーの引継ぎ：Kaimin Shih (香港大学 准教授)

宮脇健太郎 (明星大学 教授)

9. 施設見学

最終処分場

North East New Territories Landfill / West East New Territories Landfill

下水汚泥焼却施設

Sludge Treatment Facility (T Park)

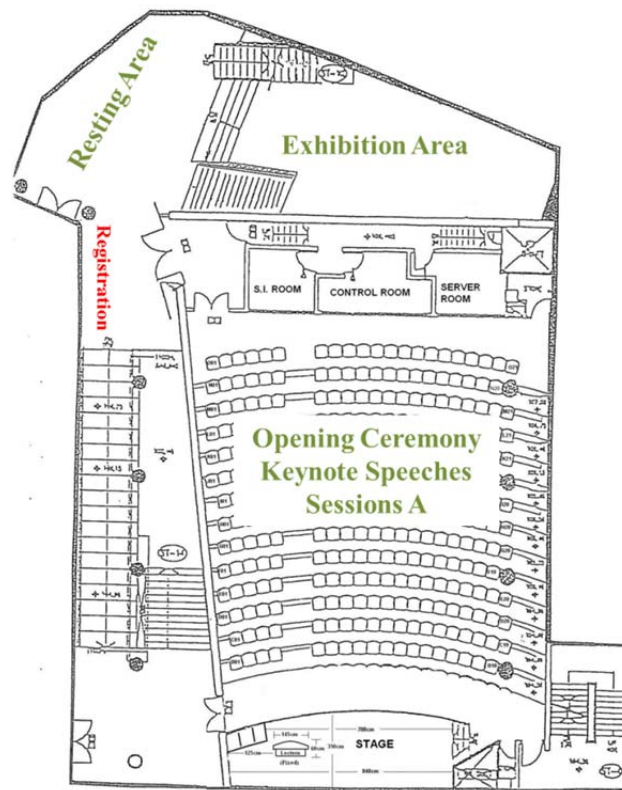
Symposium Program

Venue: Graduate House, The University of Hong Kong (HKU)

Date	Room	Wang Gungwu Lecture Hall P4		
	Time			
Wednesday 9 th November	08:15-09:00	Registration		
	09:00-10:40	Opening Ceremony & Photo Session Keynote Speeches 1&2		
	10:40-11:00	Coffee break		
	Room	Wang Gungwu Lecture Hall P4	Postgraduate Hub P3-07	Seminar Room P5-3
	Time			
	11:00-12:30	A1 Progress in Enhancing Landfill Sustainability	B1 Policy and Management Challenges	C1 Practices in Managing Waste
	12:30-14:00	Lunch break		
	14:00-16:00	A2 Keynote Speech 3 Business/Industry Session	B2 Technologies for Landfill Leachate	
	16:00-16:20	Coffee break		
	16:20-18:00	Poster Session		
Thursday 10 th November	09:00-10:30	A3 Advancement in Waste Management Systems	B3 Special Session on Wastewater Treatment and Resource Recovery (I)	
	10:30-10:50	Coffee break		

Symposium Venue

Graduate House, The University of Hong Kong (HKU)



Opening Ceremony, Keynote Speeches and Sessions A:

Wang Gungwu Lecture Hall P4, Graduate House, HKU

Session B: Postgraduate Hub P3-07, Graduate House, HKU

Session C: Seminar Room P5-3, Graduate House, HKU