

September 1 – December 8, 2020

Registration

<https://www.acsel.esc.u-tokyo.ac.jp/2020/registration.html>

December 1 – December 8, 2020

Technical Session Poster Presentation *Location: GOING VIRTUAL*

https://goingvirtual.scej.org/web_conf

Emergency and disaster management

P-01	What do we need to prevent accidents and incidents? Koji Fukuoka, Okinawa Institute of Science and Technology Graduate University, Japan
P-02	Safety management for COVID-19 PCR testing Toshinori Tanaka, Okinawa Institute of Science and Technology Graduate University, Japan
P-03	Overview of COVID-19 infection prevention and control in oil and gas industry Juniatia Widiasari, University of Indonesia, Indonesia

Laboratory safety management

P-04	Risk assessment of COVID-19 related research projects Watson Teo, Singapore Health Services Pte Ltd., Singapore
P-05	Safe laboratory operation and teaching during COVID-19 pandemic Ng Cherine, Singapore Institute of Technology, Singapore
P-06	Continuous improvement of chemical waste management to enhance safety in laboratory waste room Mahasin Alam SK, Singapore Institute of Technology, Singapore
P-07	Improving laboratory safety toward internationalization of universities in Japan Takaaki Harada, Nagoya University, Japan
P-08	Biosafety level of microbiology testing laboratory at PT SCI Aulia Jauhari Rakhman, University of Indonesia, Indonesia

Safety education

P-09	Social cost benefit model analysis of OHS education program "Sehat Kerjaku" as an effort to prevent COVID-19 in informal workers Ida Ayu Indira Dwika Lestari, Universitas Indonesia, Indonesia
P-10	Reaping the benefits of e-learning and harmonised trainings June Xiaohui Lin, Singapore Health Services Pte Ltd., Singapore
P-11	Reproducing the probable cause of fire at Shuri Castle Kenji Iino, The University of Tokyo, Japan
P-12	A systematic review of safety leader character profile and its impact against worker in mining industry Agra M Khaliwa, Universitas Indonesia, Indonesia
P-13	Reconsidering safety education in Japanese primary science through accidents and textbooks Hirono Ochi, Ehime University, Japan

P-14	What topics should be taught as the first step in safety education in technological universities? Toshiro Tanaka, Ehime University, Japan
P-15	Advantages and disadvantages of on-demand methods for the delivery of short course lectures on experimental wastewater Yuriko Hamada, Kagoshima University, Japan
P-16	Gap analysis on Risk Based Inspection (RBI) implementation at PT. XYZ Atta Rizky Suharto, Universitas Indonesia, Indonesia
P-17	Analysis of risk factors in chemical accidents on campus Shizuaki Murata, Nagoya University, Japan
P-18	Safety climate survey of worker in the Indonesian logistics company Inti Dewi, Universitas Indonesia, Indonesia
P-19	Establishment of educational programs on safety management in biological experiments Shogo Ehata, The University of Tokyo, Japan
P-20	Safety climate overview and program interventions in PT. X Febby Fauzia, University of Indonesia, Indonesia
P-21	Development of practical safety educational contents for diversified university laboratories Ai Shuhara, The University of Tokyo, Japan
Theoretical analysis of environmental safety in laboratory	
P-22	Analysis of flow lines of experimenters in the laboratory and development of mathematical models Kazuki Yoshimoto, The University of Tokyo, Japan
P-23	Analysis of troubles during experiments in order to develop suitable risk assessment methods for experimental work in university laboratories Yukiko Nezu, The University of Tokyo, Japan
Safety and health protection	
P-24	Research on aldehydes in various fragrances for measures against fragrance harassment. Akiko Kashiwagi, Tottori University, Japan
P-25	Health risk assessment physical and chemical hazards in painting area at PT. GKD Cikampek Aulia Indar Ayuningtyas, Universitas Indonesia, Indonesia
P-26	Keeping safety awareness with corona virus protection Chizuru Kurosawa, The University of Tokyo, Japan
Environmental protection	
P-27	Establishing a practical strategy for assessing commercial anti-microbial coatings for the new normal Jayavani Karuppasamy, National University of Singapore, Singapore
Other	
P-28	Safety climate dimension & comparing variables of batch plants ready-mix concrete PT XYZ 2020 Venti Novriza, University of Indonesia, Indonesia
P-29	Safety climate survey among workers in a feminine hygiene products manufacturing company Listia Annisa, University of Indonesia, Indonesia
P-101	Operational status of UTokyo radiation facilities, and their concerns and strategy of countermeasures for safety management Takeshi Imoto, The University of Tokyo, Japan

P-102	Research status and gaps in the field of laboratory safety in Korea Jeongim Park, SoonChunHyang University, Republic of Korea
P-103	Risk analysis of work accident using HIRA method Qomariyatus Sholihah, Brawijaya University, Indonesia
P-104	Analysis implementation of OHS management system on the effectiveness of work accident prevention in PLTU Qomariyatus Sholihah, Brawijaya University, Indonesia
P-105	Distribution of chemical hazards in Korean research laboratory classified by safety acts Sunyoung Bae, Seoul Women's University, Republic of Korea

Networking Session by Sponsored Companies *Location: GOING VIRTUAL*
https://goingvirtual.scej.org/web_conf

Japan National Tourism Organization
 Banner ads, Poster screening, Promotional video screening

AS ONE Corporation
 Banner ads, Poster screening, Promotional video screening
 Tabletop exhibit (10:30 JST, Dec. 7)

Yamato Scientific Co., Ltd.
 Banner ads, Poster screening, Promotional video screening

Tohoku Ryokka Kankyohozen Co., Ltd.
 Banner ads

Nomura Kohsan Co., Ltd.
 Banner ads, Promotional video screening (only Dec. 7-8)

Riken Keiki Co., Ltd.
 Banner ads, Poster screening, Promotional video screening (only Dec. 7-8)
 Tabletop exhibit (11:00 JST, Dec. 7)

REHSE
 Banner ads, Poster screening

ICHINEN JIKCO CO., LTD.
 Banner ads, Poster screening

Esco Micro Pte Ltd.
 Banner ads, Poster screening

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December 7, 2020

Corporate Tabletop Exhibit *Location: GOING VIRTUAL*
https://goingvirtual.scej.org/web_conf

10:30-12:00 **AS ONE Corporation**
 Topics of safety in the laboratory Solutions during these Covid-19 times

11:00-12:00 **Riken Keiki Co., Ltd.**
 Invisible danger, visible safety in laboratory and workspace

December 8, 2020

Opening *Location: GOING VIRTUAL*
https://goingvirtual.scej.org/web_conf

Chair Toshinori Tanaka, OIST, Japan

9:00 **Opening remarks**
Prof. Toshiro Tanaka, Chair of ACSEL2020, Ehime University, Japan

9:10 **Welcome address**
Mr. Tokihiro Nakamura, The Governor of Ehime Prefecture, Japan

Special Session "Education and research activities at universities with COVID-19"

Location: GOING VIRTUAL

https://goingvirtual.scej.org/web_conf

Chair Dr. Kenji Iino, The University of Tokyo, Japan

9:20 **Coming preparations at research and educational institutions learned from COVID-19 measures at universities around the world**
PI-1
Professor Yoshiko Tsuji, Director of Environmental Science Center, The University of Tokyo, Japan

9:40 **Challenges the COVID 19 pandemic presents to HVAC systems and how one US institution addressed them**
PI-2
Dr. Lou DiBerardinis, Director of Environment, Health and Safety Office, Massachusetts Institute of Technology, USA

10:10 **National University of Singapore experience of managing COVID-19 using the CDC model**
PI-3
Mr. Saravanan Gunaratnam, Office of Safety, Health and Environment, National University of Singapore, Singapore

10:40-11:10 **Coffee Break and Commercial screening by Sponsored Companies**

Chair Ms. Cindy Goh, Singapore Health Services Pte Ltd., Singapore

11:10 **COVID-19 Prevention & Control in Indonesia**
PI-4
Professor Dra. Fatma Lestari, Disaster Risk Reduction Center, Universitas Indonesia, Indonesia

11:40 **Adapting a crisis management structure to large scale long term incidents such as the COVID-19**
PI-5
Mr. Erik Talley, King Abdullah University of Science and Technology, Saudi Arabia

12:10-13:30 **Lunch**

Technical Session Oral Presentation *Location: GOING VIRTUAL*

https://goingvirtual.scej.org/web_conf

Chair Dr. Priscilla Lee, The University of Hong Kong, Hong Kong

13:30 **A new campaign to reduce the amount of chemicals in the laboratories**
KY-01
Prof. Jeong Won Kang, Korea University, Republic of Korea

14:00 **Risk assessment of COVID-19 related research projects**
O-01 (P-05)
Watson Teo, Singapore Health Services Pte Ltd., Singapore

14:20 **Improving laboratory safety toward internationalization of universities in Japan**
O-02 (P-08)
Dr. Takaaki Harada, Nagoya University, Japan

14:40-15:00 **Coffee Break and Commercial screening by Sponsored Companies**

Chair Dr. Jeongim Park, Soon Chun Hyang University, Republic of Korea

15:00 **Gap analysis on Risk Based Inspection (RBI) implementation at PT. XYZ**
O-03 (P-17)
Mr. Atta Rizky Suharto, Universitas Indonesia, Indonesia

15:20 O-04 (P-14)	Reconsidering safety education in Japanese primary science through accidents and textbooks Prof. Manabu Sumida, Ehime University, Japan
15:40 O-05 (P-29)	Safety climate dimension & comparing variables of batch plants ready-mix concrete PT XYZ 2020 Ms. Venti Novriza, Universitas Indonesia, Indonesia
Closing <i>Location: GOING VIRTUAL</i> https://goingvirtual.scej.org/web_conf	
Chair Prof. Ruth Carol Vergin, Ehime University, Japan	
16:05	Ehime Prefecture promotional video, the past ACSEL memorial videos
16:10	Poster Awards Ceremony
16:25	Announcement Prof. Jeong Won Kang, Chair of ACSEL2021, The President of KALSE, Republic of Korea
16:30	Closing remarks Prof. Yoshito Oshima, Committee of ACSEL2020, The University of Tokyo, Japan