

ANOH Session II: Protecting workers from COVID-19 infection risk in Asia-Pacific countries

SYMPOSIUM

Usually, social activities, workplaces, and hospitals requiring mass gathering indoor and frequent contact have accounted for the largest portion of confirmed outbreaks. The workplaces and occupations with frequent exposure to infection could be essential for society, which might be same in all countries. Unlike occupational hazard, the risk of infectious disease including COVID-19 is not originated from workplaces. Workers infected outside can transmit the virus to co-workers and residents. The level of legal duty that employers have to take should be determined in order to control risk of infectious disease. There is considerable expertise in the occupational hygiene and exposure science communities that can help employers and workers to contain and delay the spread of COVID-19. The aims of this symposium are to compare legal regulation taken among some Asia and Pacific countries in protecting workers from COVID-19 epidemic, to identify major occupational groups with mass outbreak of COVID-19 infection by country and to discuss global cooperation for risk assessments to manage this new risk.

The challenge of COVID 19 and the Philippine response to COVID prevention and control

Engr Nelia Granadillos (Occupational Safety and Health Center, Philippines)

Efficacy assurance of negative pressure isolation wards In light of the COVID-19 outbreak

Yu-Wen Lin (Fu Jen Catholic University, Taiwan)

Current guidelines and strategies against COVID-19 clusters at workplaces in Japan - a model for evaluating 3Cs using indoor exhaled CO2 prediction system | Go Muto (Department of Hygiene, Japan)

Occupational Hygienists response to COVID-19 in New Zealand

Derek Miller (New Zealand Occupational Hygiene Society, New Zealand)

MODERATOR



Yu-Wen Lin

I completed my Ph.D. on the study of multiple chemicals permeating through glove materials at the University of California, Los Angeles (UCLA) after finishing the master in the same institute. Following this I continued my post-graduate research in the same institute and focusing on developing and validating the ketone sampler for working environment. Then, I started my academic career in Department of Public Health, College of Medicine, Fu Jen Catholic University, where I am now an associate professor and the associate dean. My research focuses primarily on the permeation behaviors of different chemicals challenging different gloves and aim to solve the skin protection challenge in the real working practices.

SPEAKERS



Engr Nelia Granadillos

Engr . NELIA G. GRANADILLOS is the Officer in charge, Deputy Executive Director of the Occupational Safety & Health Center, Philippines. With 35 years of intensive work in the development of occupational safety and health policies and programs, research, training and industrial hygiene engaged in exposure assessment in different industries. She has been the past president of the Industrial Hygienists Association of the Philippines (IHAP) and a Trustee of Water Environment Association of the Philippines (WEAP). Her professional experience are as follows: Accredited Pollution Control Officer; Technical Expert of Philippine Accreditation Bureau; and member of National Program on the Prevention of Asbestos Related Diseases (NPEAD), Chemical Safety and Security Program and GHS Chemical classification and communication.



Go Muto

Dr. Muto graduated from Chiba University School of Medicine and obtained certified MD license in 2007. He was engaged in immunology research in Keio University and obtained Philosophy of Doctor in 2014. After returning from Harvard T.H. Chan School of Medicine as Takemi Global Health Research Fellow in 2018, he, as a junior associate professor of Kitasato University of Japan, continued performing research both on occupational health and environmental epidemiology especially in indoor air workplace and office ergonomics / designs related to biological exposures.



Derek Miller

Derek Miller is an independent consultant working in New Zealand. He is a Certified Occupational Hygienist with over 35 years experience and has worked around the globe.