

# Institutional Improvement Suggestion on Chemical Management for preventing workplace hazardous chemical exposure in Korea

# SYMPOSIUM

THE 12<sup>TH</sup> IOHA  
INTERNATIONAL  
SCIENTIFIC CONFERENCE  
DAEGU, KOREA  
VIRTUAL  
IOHA2021

This session will discuss the institutional improvement of chemical management at the workplace to prevent workers' chemical exposure in Korea. Main Aspects of Occupational hygiene practices on chemical management in workplace has directly reflected the requirement of Korean Occupational Safety and Health Act(KOSHAAct) In the presentation 1, through the impact study on inspection method and the requirements on chemical management based on KOSHAAct at workplace, the better institutional method shall be addressed to prevent hazardous chemical exposure of workers. At the presentation 2, through the review of the current regulation on chemical management in KOSHAAct, the additional institutional measures shall be addressed including not only exposure control but also prohibition and restrictions on use in Korea. In the presentation 3, the case study shall be introduces on the effective hazardous chemical management program for small-medium sized firms. In the presentation 4, the more effective institutional method of chemical exposure assessment shall be suggested with comparing the current occupational exposure regulation in Korea. In this symposium, the audience shall have some implications for legal and institutional measures to prevent the chemical exposure by understanding Institutional Improvement Suggestion on Chemical Management in Korea.

## The gap between present of chemicals regulations in occupational safety and health act and risk assessment

Naroo Lee (Korea Occupational Safety and Health Agency, Korea, Republic of)

## Chemical Management in Occupational Safety and Health Act in Korea - The Review of Regulation and Practice

Mijin Park (Seoul National University, Korea, Republic of)

## The voluntary hazardous chemical management case in medium sized firms: Toxfree Gyeonju

Youngeun Choi (Wonjin Institute for Occupational and Environmental Health, Korea, Republic of)

## MODERATOR



Taesun Kang

Taesun Kang has been assistance professor of Health and Safety Engineering at the Semyung University, Jecheon, Chungcheong bukdo, South Korea since 2018. He has worked as an OSH expert in civil society research institute and government. He worked for 5 years at a research institute established by victims of occupational diseases(WIOEH), 1 year at the National Institute of Agricultural Science(RDA), 1 year at the Korea Occupational Safety and Health Agency(KOSHA), 5 years as a OSH inspector at the Ministry of Employment and Labor(MOEL) and 5 years as a special professor at the Ajou University. He is mainly interested in OSH policy and noise exposure assessment. He had studied at Seoul National University(SNU), Agricultural Biology(BS,1997), SNU School of Public Health, Environmental Health(MPH, 1999) and Health (ScD, 2014). He is one of the academic directors of KIHA.

## SPEAKERS

Naroo Lee

Deputy Director  
Occupational Safety and Health Research Institute  
KOSHA (since 1992)  
Specialty : Chemical Management in Occupational Health

Mijin Park

Mijin Park (Phamacist, MPH, Ph.D) is the research professor of Department of Environmental Health Sciences, Graduate School of Public Health, Seoul National University. She had worked at the various sized company as a industrial hygienist, the leader of Environmental Health and Safety team and the director of Corporate Social Responsibility. She has conducted research on chemical management policies. She served on various national committees, such as Occupational Disease Determination Committee, Occupational Exposure Assessment Steering Committee, Epidemiological Investigation Evaluation Steering Committee and Chemical Substance Evaluation Working Committee.

Youngeun Choi

Youngeun Choi is an Industrial Hygienist who has been worked for Risk Assessment Division in Wonjin Institute for Occupational and Environmental Health (WIOEH) for 8 years. Her work is mainly focused on workers' exposure to hazardous chemical (particularly CMRs) in workplace. WIOEH was established in 1999 with the compensation money for Wonjin(viscose rayon manufacturing factory) victims who had experienced carbon disulfide poisoning at the Wonjin factory. Throughout its history, the members of the WIOEH have continued their efforts to protect workers and citizens' health. All researchers working at WIOEH are specialized in each field. They are carrying out field-oriented and professional researches and activities in order to secure workers' right for health.

IOHA2021