

An Operation Manual for “Asia Occupational Disaster Map”

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1. Background of the Asia Occupational Disaster Map

The International Labor Organization's (ILO) Constitution clearly lists standards to protect workers from occupational diseases and injuries. A safe and healthy working environment facilitates not only basic worker rights but also inclusive and sustainable economic growth. It is also the basis of full and productive employment. The ILO released a report in 2022 titled "Global Burden of Occupational Injuries and Diseases 2020 Estimates." This report estimated figures to 3.9 million occupational fatalities and 863,000 work-related injuries in 2020. This number is even increasing. More than 63% of cases occurred in the Asia-Pacific region, ranking highest in the world.

An effective occupational disaster recording and reporting system is, therefore, extremely important. Continuous reporting and tracking can enhance the scope of occupational disaster investigation and help figure out the causes and risks of occupational diseases. With this information, countries can take preventive actions and set up policies that prioritize occupational safety and health.

2. Introduction to the Map and the Manual

Observing the increasing trend of occupational disasters in Asia, we, as an Asian grassroots labor organizing network that fights for worker rights and OSH, developed the Asia Occupational Disaster Map. We use a consistent methodology to record and report occupational disease cases on the platform. Through enriching the database, we wish to disclose the existing OSH problem in workplaces and understand the trend of occupation disasters in Asia. We can thus monitor governments and companies to implement OSH policies and take preventive actions.

The Asia Occupational Disaster Map operates in a self-register system. The general public and CSOs can report occupational disaster cases to the database, and the map will indicate the locations, causes, and related companies of cases. Community members, including CSOs, can, therefore, understand and help follow up on the cases in their community. They can offer help

to victims and their families as well as hold local governments and companies accountable for correction and improvement. Most importantly, we will summarize and analyze the information on the platform to figure out the trend and pattern of occupational disasters in Asia. We will compare the patterns in different Asian regions and issue reports regularly. We wish the map to be a tool for the general public to understand and advocate the enhancement of OSH in Asia.

3. Principle of the Manual

Grassroots labor CSOs play an important role in the development of the Map. However, the standard in each region varies a lot. To facilitate each CSO to register information and make the Map reliable for indication, further analysis, and international comparison, we set up this menu according to ILO's standards and previous experience. This menu shall assist partner CSOs in recording case information in your region with clear recording guidelines.

4. Information Development Procedures

1. Information Collection: Partner CSO

- a. Utilize national newspapers and online news portals as primary sources for real-time incident reporting (monitored daily) on cases involving at least 1 victim.
- b. Engage Occupational Safety and Health OSH volunteers for on-the-ground incident monitoring.
- c. Engage with relevant government bodies, trade union leaders at the local level/ industrial areas, OSH Committee members at the enterprise level, local OHS rights activists, local journalists, social workers, and community groups to collect information on incidents effectively.

[**Keywords: work death, work dead, work killed, work injured.**]

2. Information Register: Partner CSO

- a. Classify incidents based on bodily location, type of accident, and agency involved according to the guidelines classifications.
- b. Register the collected information to the Asia Occupational Disaster Map, a centralized database. <https://reurl.cc/Wvn0dD>

3. **Information Upload:** Taiwan OSH Link double-checks the information registered by partner CSOs and summarizes occupational disaster news released by the ANROEV secretary. Taiwan OSH Links then uploads the information to the Asia Occupational Disaster Map regularly: <https://asiaoshmap.com> and X@map_osh

This ensures to

- a. Adhere to data protection and confidentiality regulations.
 - b. Provide user-friendly online platforms to upload incident information seamlessly.
 - c. Provide accessibility for enterprises, workers, and relevant stakeholders to contribute to the database.
 - d. Regularly incorporate technological advancements and improve user experience.
4. **Regular Occupational Disaster Report:** Taiwan OSH Link analyzes the uploaded occupational disaster cases bi-monthly and releases reports at X@map_osh for partners to understand the OSH trend in Asia.

This ensures to

- a. Compile and publish annual statistics on regional occupational accidents and disasters, including detailed information on the frequency, incidence, and severity rates for major divisions, occupations, age groups, sexes, and specified groups.
- b. Include insights and trends derived from the collected data and comparisons with previous years.

Feedback Mechanism

1. If you have questions or recommendations regarding registered information, please contact us via asiaoshmap@gmail.com.
2. Partners are invited to meet regularly to review the content and provide overall comments to the Asia Occupational Disaster Map.

This ensures to

- a. Establish a mechanism for timely feedback on the system and evolving occupational needs.
- b. Continuously adapt the operation manual based on feedback.

- c. Receive recommendations for preventive measures based on the analysis of reported data.
- d. Facilitate collaboration forums for stakeholders to discuss findings, share best practices, and collectively work towards improving occupational safety.

Guideline for OSH Case Register

Recording Items	narratives	Remarks
Date of Incident	Only register cases happened after September 2023 Register standard: Google Form	Please be aware of the difference between case happening time and news releasing time
County	Recording regions include: Bangladesh, Cambodia, China, Hong Kong, India, Indonesia, Japan, Laos/Laos, Malaysia, Mongolia, Myanmar, Nepal, Pakistan, Philippines, Singapore, South Korea, Sri Lanka, Taiwan, Thailand, Vietnam	
Province	Register the province/ region/ city/ town of the case happened.	
Causes of disease or injuries	Definition of “ Occupational Injury ”: Any personal injuries, diseases or death caused by occupational accident; Definition of “ Occupational Disease ”: Disease caused by long term exposure under harmful occupational factors. Please help choose the following occupational disaster reason: Option 1: Types of direct harming incident, means object or material that cause harm, the way victim contacted the object; 2. Choose the	Please choose the reason of the disaster, eg. for an equipment hitting case, the reason should be “Hit by falling objects (equipment/ machines), including site collapse”, “Pinched by fixed/ moving objects” *Disaster reason is a necessary information. Cases without such information will not be registered. Standard of Disaster Reasoning: https://reurl.cc/v6ybDI

	<p>type of occupational disease. If the type is not listed, please fill in manually.</p> <ul style="list-style-type: none"> ● Exposure to or contact with extreme temperatures (including atmosphere, environment or objects) ● Hit by falling objects (equipment/ machines), including site collapse ● Step on objects. ● Hit by fixed or moving objects (excluding falling objects) ● Pinched by fixed/ moving objects ● Electric Shock ● Exposure to harmful substances or radiations ● Exposure to infectious diseases ● Exposure to noise ● Fire/Explosion ● Occupational stress and fatigue ● Overexertion, muscle strains ● Traffic injuries ● Slipping or falling from higher or flat platform ● Violence and harassment by human or animals ● Others 	
No. of death	Register the latest death number of the incident	Record the number of deaths, injuries or illnesses due to the same incident. Some cases may need follow-up and updates. Please update the latest numbers. * At least 1 death or injury due to the incident.
No. of injured or sick	Register the latest injured number of the incident.	

Name of the factory/company	Register the direct employer of workers in the incident (not the master contractor)	
Buyer of the Factory/ Brand	Name of the buyer's company	For example: Foxconn produces for Apple. If a case happens in Foxconn, "Buyer of the Factory/ Brand" should be Apple/
Type of Industry	Fill in according to the actual industry of the factory	Please fill in according to "International Standard Industrial Classification of all Economic Activities" (4th Edition): https://reurl.cc/gagRkp ISIC Chinese Version: https://reurl.cc/K3y8rp ISIC English Version: https://reurl.cc/7MZKey
Latitude-Longitude of the Incident 事發地點經緯度	<ol style="list-style-type: none"> 1. Use Google Map to search the location of the incident. 2. Search and find the location of the incident. Right-click, and a window will pop up showing the latitude-longitude system. The number before is the latitude, and the number after is the longitude. 3. Click again to copy. 	Location is a necessary item to fill in. A news or report without location will not be registered.
Information Updates	<p>Only for updating cases that have been registered (eg. any compensation, follow up etc.) Please provide the original case map link.</p> <p>→How to search a map link: Go to the Asia Occupational Disaster Map (https://asiaoshmap.com/). Click on the company name, and</p>	Only for registered cases

	then you can find the link to the case.	
References	News, reports or any link of information source	
Your Name & Organization Name		
Contact Email		