

Report

TRAINING ON BIOSAFETY AND BIOSECURITY FOR BIOSAFETY OFFICER

The meeting was being held at NEANG KANGHING VILLAGE, KAMPONG CHAM province December 17-21, 2018 with **30 participants** (Prey Veng, Thbaung Khmom, Battambang, Banteay Meanchey, Kampot, Svay Rieng, Kandal, Kratie, Ratanakiri, Mondulkiri and Facilitator and Trainers from Central Level). The welcome, interested speech and opening remark by Ph.Sam Sopheap-Chief of Bureau of Medical Laboratories Services, Ph TON Chhorvivan-Project coordinator ADB/GMS, and Dr. SAU Sokunna, Deputy Head of DHS/MoH.

- The pre-test were conducted after introduced each other and group photo.
- Key words for the training:
 - 1- Biosafety
 - 2- Biosecurity
 - 3- Biorisk Management (Bio + risk and AMP concept note, Livelihood and consequence, probability and impact)
 - 4- Lab-safety rule
 - 5- Blood borne pathogen
 - 6- Risk group lab level (BSL, 2+ have negative pressure)
 - 7- Protection and detection
 - 8- Surveillance
 - 9- Mitigation: control, safety equipment/primary containment barrier (eg.PPE), secondary containment barrier/safety facilities
 - 10- AMP assessment mitigation performance
 - 11- Accountability
 - 12- Risk Assessment
 - 13- IATA: International Air Transportation Association
 - 14- **5 pillars:** 1.Physical Security, 2.Personnel Management, 3.Material Control and Accountability, 4.Transport Security, 5.Information Security
 - 15- Gap
 - 16- Assess risk in your lab, cross check
- Group exercise: brain storming, question and answer
- Understanding term using: biosafety, biosecurity, Risk characterization according to likelihood and consequences
- Determine evaluation/assessment: risk could occur anytime, what will happen and what won't happen? (likelihood and consequence)
- Step of Management in the Lab process: pre-analysis, analysis, post analysis.

Result:

- Share experience while spillage in laboratory. Point to think of risk assessment: First: determine risk and material use, location, Second: procedure for occurrence report (use low and high occurrence form), Third: start biosafety and biosecurity risk assessment

- Message to participant: All management in lab process needs SOP, National standard operation procedure (for Technical analysis, Human resource and document management). SOP is important part for Quality.
- Group exercise of SOP writing following SOP of MoH Form. (group1: Hand washing SOP and group2: PPE SOP)