



R-FETPV

Regional Field Epidemiology
Training Program for Veterinarian



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➤ Republic of Korea Delegation Visits R-FETPV



1 October 2025 The R-FETPV team, together with Dr. Hao Tang, Regional Animal Health Workforce Development Specialist from FAO, warmly welcomed Dr. Hae Seung Lee, Researcher from the Veterinary Epidemiology Division, Animal and Plant Quarantine Agency, Ministry of Agriculture, Food and Rural Affairs, Republic of Korea.

During this visit, we had a valuable exchange of experiences and approaches in implementing the Field Epidemiology Training Program (FETP) in both Thailand and the Republic of Korea. The discussion provided fresh perspectives and new ideas to further strengthen the development of R-FETPV.

Thank you for the meaningful knowledge sharing and collaboration.

► Celebrating Professional Excellence in Veterinary Public Health



R-FETPV proudly congratulates our mentors and alumni who were awarded the Diplomat, Thai Board of Veterinary Public Health (D.T.B.V.P.H.) for 2025.

This prestigious certification recognizes advanced expertise and professional excellence in the field of Veterinary Public Health, reflecting their dedication to safeguarding animal and public health through the One Health approach.

Their achievement is a testament to the strength of the R-FETPV network and its continued commitment to developing skilled professionals who contribute to disease prevention, surveillance, and public health advancement across the region.

Congratulations to all awardees on this well-deserved accomplishment!

➤ Workshop on “Epidemiological Software for Advanced Spatial Analysis”



From 10–12 November 2025, the Regional Field Epidemiology Training Program for Veterinarians (R-FETPV), organized by the Bureau of Disease Control and Veterinary Services, Department of Livestock Development (DLD), Thailand, in collaboration with the Food and Agriculture Organization of the United Nations (FAO), conducted a Workshop on Epidemiological Software for Advanced Spatial Analysis under the 3rd Visit of R-FETPV 2nd Module: Animal Disease, Threat, and Hazard Outbreak Investigation.

The workshop took place at the National Institute of Animal Health (NIAH) with 25 participants from Thailand, Lao PDR, and Nepal.

The program was honored to have Asst. Prof. Dr. Sitthisak Moukomla from the Department of Geography, Faculty of Liberal Arts, Thammasat University, who conducted a training session on Google Earth Engine (GEE) and AI for Geospatial Data Management and Analysis. Participants learned how to apply spatial analysis techniques using satellite data such as land surface temperature, soil moisture, and rainfall to support livestock management and disease control.

In addition, Dr. Khemmapat Boonyo and Dr. Warathida Sangrat from the Bureau of Disease Control and Veterinary Services and Dr. Vilaiporn Wongphruksasoong from National Institute of Animal Health shared their expertise on Spatial Risk Assessment by MCDA and Spatiotemporal Cluster Detection using SaTScan™.

This workshop strengthened the capacity of field veterinarians in Southeast Asia to apply advanced geospatial technology for effective animal disease surveillance and control.

➤ Workshop on Epidemiology Software for Epidemiological Field Study (R Program)



13–14, 17–18 November 2025, the R-FETPV 2024 trainees continue their journey through the R-FETPV 2nd Module with great dedication and energy. This session focused on using the R program to make trainees' research work more convenient, efficient, and powerful.

The workshop was led by Dr. Orapun Arjkumpa from the Department of Livestock Development, who guided trainees through key topics including Study Design, Fundamental Sample Size Calculation, and Sample Size Calculation using R and other software.

We were also honored to have distinguished guest speakers:

Dr. Thanicha Chanchaidechachai (Chulalongkorn University) for insightful sessions on Infectious Disease Modelling, Deterministic Compartment Models, and Stochastic Compartment Models

Miss Supitchaya Srisawang (Chiang Mai University) for sharing knowledge on KAP Survey, Path Analysis, and Spatial Analysis

Dr. Chalutwan Sansamur (Akkhraratchakumari Veterinary College) for an engaging session on Social Network Analysis

Each session provided valuable tools and perspectives that strongly support trainees in conducting high-quality epidemiological field research.

➤ R-FETPV Trainees Advance Research Through University Placements



As part of the R-FETPV academic enrichment program, international trainees engaged with leading Thai universities to refine their master's research proposals and strengthen regional academic collaboration.

From Nepal, Dr. Sikes Manandhar visited Chiang Mai University, where he presented his research on the spatiotemporal epidemiology of Highly Pathogenic Avian Influenza (HPAI) in Nepal to Assoc. Prof. Dr. Veerasak Punyapornwithaya. The consultation provided valuable insights to enhance his study design and analytical approach.



Meanwhile, Dr. Binod Sanjel visited the Faculty of Veterinary Medicine, Kasetsart University, to present his proposal on Toxoplasmosis and Q fever in goats in Nepal to Asst. Prof. Dr. Waraphon Phimprapai. The session offered expert guidance and constructive feedback to strengthen the research framework.

Trainees from Lao PDR and Thailand also participated in academic consultations through visits to Chulalongkorn University and virtual meetings with experts from Kasetsart University, fostering knowledge exchange across institutions and disciplines. These university placements demonstrate R-FETPV's commitment to building research excellence, promoting regional collaboration, and supporting trainees in developing high-quality research that contributes to the prevention and control of zoonotic diseases.

➤ R-FETPV Highlights from the International Conference on Veterinary Science 2025 (ICVS 2025) 24-25 November 2025



R-FETPV proudly participated in ICVS 2025, IMPACT Muang Thong Thani, where our trainees presented their outbreak investigation outputs to an international audience. The program on 25 November opened with an engaging keynote from Dr. Tosapol Dejyong, Regional Project Management Specialist (Health Security), U.S. Embassy Thailand. His talk, “From One Health to Global Health Security: The Next Frontier of Veterinary Field Epidemiology,” His talk reinforced the importance of the One Health approach and highlighted how epidemiological principles can be effectively applied in real-world settings.

Our trainees delivered presentations covering a diverse range of topics—rabies outbreak investigations in Thailand and Lao PDR, FMD and LSD in Nepal, and cases of canine distemper and melioidosis in dolphins. The session fostered meaningful discussions among trainees, mentors, and participants on epidemiology, animal disease control, and zoonotic threats.



We concluded the event with a certificate ceremony to honor the hard work and dedication of our trainees, along with certificates of appreciation for our mentors who have guided and supported them throughout their journey.

R-FETPV extends warm congratulations to all trainees and heartfelt thanks to our mentors and partners for their continued commitment.



➤ Japan Delegation Visits R-FETPV



A delegation from Japan, Prof. Kohei Makita (Rakuno Gakuen University), Dr. Takehisa Yamamoto, and Dr. Sonoko Kondo from the National Institute of Animal Health, National Agriculture and Food Research Organization (NARO) visited R-FETPV and FAO RAP on 25–26 November 2025 to discuss collaboration on strengthening veterinary epidemiology capacity. The Japanese team expressed a strong interest in learning from the R-FETPV model to upskill veterinarians into veterinary epidemiologists. Dr. Sith Premashthira (R-FETPV Manager), Dr. Tippawon Parakgamawongsa (R-FETPV Coordinator), and Dr. Tang Hao (FAO RAP Project Manager) joined the discussions.

The delegation also observed R-FETPV activities during the R-FETPV Conference at the International Conference on Veterinary Science (ICVS) at Impact Forum Muang Thong Thani, where trainees presented their outbreak investigation outputs.

➤ Workshop on multi-sectoral collaboration simulation and risk communication in emergency response, and public engagement



Following the outstanding presentations by the R-FETPV 2024 trainees at the R-FETPV 2nd Module during ICVS 2025, the trainees reconvened for further training at NIAH from 26–28 November 2025.

This session introduced an exciting new topic not previously covered in the R-FETPV program: disaster management. We were honored to welcome Dr. Naritsorn Pholperm, an experienced expert in disaster management, as our guest lecturer. He shared valuable insights and real-world experiences in responding to emergency situations, including floods, earthquakes, and volcanic eruptions.

In addition, we were delighted to have Dr. Piyanart Lekcharoensook from the Bureau of Disease Control and Veterinary Services, Pet and Horse Sector, join us to share a compelling country case study. Her session, “African Horse Sickness (AHS) Emerged in Thailand,” provided important insights into animal health emergency response in the Thai context, highlighting both challenges and lessons learned from the field.

The training emphasized scenario-based learning, where trainees actively engaged in simulated emergencies. Participants took on roles both in the field and at central command levels, working through practical approaches to preparedness and response planning for livestock management during emergencies.

This hands-on experience equipped trainees with essential skills and strategic thinking, strengthening their ability to respond effectively to animal health challenges in disaster situations.