

**WOAH Regional workshop on implementing the guidelines on monitoring of field-level antimicrobial use (AMU)
in aquatic animal sector for Asia**

Bangkok, Thailand, 1st – 4th December 2025

DAY 1 – Monday 1 December 2025		
Time	Theme	Speaker
08:30 – 09:00 (30 min)	Registration	
09:00 – 09:10 (10 min)	Official opening: Remarks - WOAHH RRAP - WOAHH HQ	Dr Hirofumi Kugita, WOAHH RRAP Dr Dante Matéo, WOAHH HQ
09:10 - 10:20 (1 h 10 min)	Short self-introduction (all) Brief aquaculture mapping & AMU/AMR surveillance status in countries China, P.R., Malaysia, Indonesia, Japan, Republic of Korea and Philippines	All (facilitators and participants) All (participants with two ppt slides)
10:20 - 10:50	COFFEE BREAK & GROUP PHOTOGRAPH (30 min)	
10:50 – 11:15 (25 min)	Short self-introduction (all) Thailand, Vietnam and Bangladesh	
11:15 – 11:25 (10 min)	Introduction and objectives of the workshop	Dr Dante Matéo, WOAHH HQ
11:25 – 11:45 (20 min)	ANIMUSE overview & importance	Dr Dante Matéo, WOAHH HQ
11:45 – 12:00 (15 min)	Session for Q&A	All
12:00 – 13:00	LUNCH (1h)	
13:00 – 13:40 (40 min)	Introduction, objectives and the developing a monitoring plan of AMU at field level	Dr Eduardo Leano, NACA and Dr Dante Matéo, WOAHH HQ
13:40 – 14:10 (30 min)	CIPARS, an example of on-farm surveillance	Dr Carl Uhland, Public Health Agency of Canada, Canada
14:10 – 14:25 (15 min)	Session for Q&A	All



14:25 – 15:00 (35 min)	<u>Group activity 1</u> : AMU data source puzzle	All
15:00 – 15:20 (20 min)	Discussion	All
15:20 – 15:50	<i>COFFEE BREAK (30 min)</i>	
15:50 – 16:25 (35 min)	<u>Group activity 2</u> : Objectives' mapping	All
16:25 – 16:45 (20 min)	Discussion	All
Official Dinner (19:00 – 21:00)		
DAY 2 – Tuesday 2 December 2025		
Time	Theme	Speaker
09:00 – 09:10 (10 min)	Previous day recapitulation	Dr Chyna Yong Suit-B, Aquatic Animal Health Officer, RRAP
09:10 – 09:50 (40 min)	<u>Group activity 3</u> : Governance dynamics	Guided by Dr Carl Uhland, Public Health Agency of Canada, Canada
09:50 – 10:10 (20 min)	Discussion	All
10:10 – 10:40	<i>COFFEE BREAK (30 min)</i>	
10:40 – 11:20 (40 min)	How antimicrobials are used in aquaculture establishments	Prof. Sophie St-Hilaire, City University of Hong Kong
11:20 – 12:35 (15 min)	Session for Q&A	All
12:35 – 13:35	LUNCH (1 h)	
13:35 – 14:10 (35 min)	<u>Group activity 4</u> : AMU scenario analysis	Guided by Dr Carl Uhland, Public Health Agency of Canada, Canada
14:10 – 14:30 (20 min)	Discussion	All
14:30 – 15:00 (30 min)	Data Collection planning and methods	Dr Carl Uhland, Public Health Agency of Canada, Canada
15:00 – 15:15	Session for Q&A	All
15:15 – 15:45	<i>COFFEE BREAK (30 min)</i>	





15:45 – 16:15 (30 min)	Sample size calculation	Dr Chyna Yong Suit-B, Aquatic Animal Health Officer, RRAP
16:15 – 16:50 (35 min)	Group activity 5 : Sample size calculation exercise	Guided by Dr Chyna Yong Suit-B, Aquatic Animal Health Officer, RRAP
End of day 2		
DAY 3 – Wednesday 3 December 2025		
Time	Theme	Speaker
09:00 – 09:10	Previous day recapitulation	Dr Chyna Yong Suit-B, Aquatic Animal Health Officer, RRAP
09:10 – 09:50 (40 min)	Developing an AMU questionnaire	Prof. Sophie St-Hilaire, City University of Hong Kong
09:50 – 10:00 (10 min)	Questions	Dr Carl Uhland, Public Health Agency of Canada, Canada
10:00 – 10:30	COFFEE BREAK (30 min)	
10:30 – 11:30 (1 h)	Group activity 6 : Designing a questionnaire	Guided by Dr Carl Uhland, Public Health Agency of Canada, Canada
11:30 – 12:00 (30 min)	Discussion	All
12:00 – 13:00	LUNCH (1h)	
13:30 – 14:30 (1 h)	AMU data analysis (indicators, calculation and examples)	Prof. Sophie St-Hilaire, City University of Hong Kong & Dr Carl Uhland, Public Health Agency of Canada, Canada
14:30 – 15:00 (30 min)	Session of Q&A	All
15:00 – 15:30	COFFEE BREAK (30 min)	
15:30 – 16:15 (45 min)	Group activity 7 : AMU indicator selection & calculation	Guided by Prof. Sophie St-Hilaire, City University of Hong Kong & Dr Carl Uhland, Public Health Agency of Canada, Canada
16:15 – 16:50 (40 min)	Discussion	All



End of day 3		
DAY 4 – Thursday 4 December 2025		
Time	Theme	Speaker
09:00 – 09:10	Previous day recapitulation	Dr Chyna Yong Suit-B, Aquatic Animal Health Officer, RRAP
09:10 – 09:45 (35 min)	Data dissemination & communication	Dr Carl Uhland, Public Health Agency of Canada, Canada
09:45 – 10:00 (15 min)	Session of Q&A	All
10:00 – 10:30	COFFEE BREAK (30 min)	
10:30 – 11:20 (50 min)	<u>Group activity 8</u> : Stakeholder strategy mapping & message design	Guided by Dr Carl Uhland, Public Health Agency of Canada, Canada
11:20 – 12:00 (40 min)	Discussion	All
12:00 - 13:00	LUNCH (1 h)	
13:00 – 15:00 (2 h)	Final exercise – Preparation of AMU surveillance programme framework	All
15:00 – 15:30	COFFEE BREAK (30 min)	
15:30 – 16:00 (30 min)	Final discussion & conclusions	All
16:00 – 16:20 (20 min)	Closing remarks	
DEPARTURE		

