

Session 3: World Café

Mapping Regional Challenges

Regional Workshop for WOAHA Focal Points for Aquatic Animals

Chyna Yong Suit-B

Aquatic Animal Health Officer, WOAHA RRAP

7 – 9 July 2026 | Tokyo, Japan

Samuel Castro

Regional TADs Coordinator, WOAHA RRAP



World Organisation
for Animal Health



Australian Government
Department of Agriculture,
Fisheries and Forestry



国立大学法人

東京海洋大学

Tokyo University of Marine Science and Technology



Goals

- To map Member-level and regional issues across themes
- To promote peer learning of local and regional contexts
- To reveal cross-cutting patterns, systemic bottlenecks and emerging issues
- To generate a consolidated set of challenges for Session 4's synthesis and prioritisation

*Consider both infectious pathogens and AMU/AMR

1

Surveillance, diagnostic,
laboratory capacity

2

Reporting, Regional Aquatic
Animal Disease Reporting, and
use of WAHIS information

3

Biosecurity, zoning &
compartmentalisation,
trade

4

Other challenges &
emerging issues

- (eg, Emergency response, Emerging pathogens, Production systems, AMR/AMU, Institutional challenges, Climate & environment, Others)
- Cross-cutting, emerging issues with systemic, institutional, and environmental dimensions that influence aquatic animal health



Themes

- First round: 35 mins
- Subsequent rounds: 10 mins each



Use **orange** post-it notes for AMU/AMR related challenges

*Consider both infectious pathogens and AMU/AMR

1

Surveillance, diagnostic,
laboratory capacity

2

Reporting, Regional Aquatic
Animal Disease Reporting, and
use of WAHIS information

3

Biosecurity, zoning &
compartmentalisation,
trade

4

Other challenges &
emerging issues

- (eg, Emergency response, Emerging pathogens, Production systems, AMR/AMU, Institutional challenges, Climate & environment, Others)
- Cross-cutting, emerging issues with systemic, institutional, and environmental dimensions that influence aquatic animal health



Group 1 (Nick, Maho)	Group 2 (Ed, Anastasija)	Group 3 (Ana, Saraya, Karma)	Group 4 (Sophie, Mario, Kim)
Australia – Dr Yuko Hood	Chinese Taipei – Dr Tai-Ting Chen	Bangladesh – Ms Syeda Sadia Nuria	Bhutan – Mr Tshering Dorji
Cambodia – Mr Chan Dara Khan	Japan – Mr Shu Katano	Fiji – Mr Isikeli Odrovakavula	Indonesia – Dr Christina Retna Handayani
Laos – Mr Akhane Phomsouvanh	Malaysia – Dr Azila Abdullah	ROK – Dr Yu Jinha	ROK – Dr Kim Jae-Ok
Maldives – Ms Fathimath Shazra Mueen	Mongolia – Mr Munkhduuren Shatar	Japan – Dr Yohei Fukui	Bangladesh – Mr Habib Forhad Alam
Philippines – Dr Joselito R. Somga	PNG – Ms Elaine Kagen a	New Caledonia – Ms Stéphanie Sourget	New Zealand – Ms Rissa Williams
Thailand – Dr Baoprasertkul Puttharat	Sri Lanka – Dr Dulip Kasagala	Singapore – Dr Diana Chee	Singapore – Dr Jing Chen
ROK – Dr Seongdo Lee	ROK – Dr Kim Min-Jae	Timor-Leste – Mr Alberto Viegas Soares	Vanuatu – Mr Walter Temakon
Kiribati – Mr El-jay Neneia	Cook Islands – Ms Heiarii Tia-Marie Syme	SAARC – Dr Md. Shariful Islam	Chulalongkorn University – A.Prof Dr Channarong Rodkhum
JICA – Mr Hiroyuki Tanaka	Tonga – Ms Mele Toli Faanunu		

Session 4: Synthesis and priority setting of regional challenges

Regional Workshop for WOAHA Focal Points for Aquatic Animals

7 – 9 July 2026 | Tokyo, Japan

Chyna Yong Suit-B

Aquatic Animal Health Officer, WOAHA RRAP

Samuel Castro

Regional TADs Coordinator, WOAHA RRAP



World Organisation
for Animal Health



Australian Government
Department of Agriculture,
Fisheries and Forestry



国立大学法人

東京海洋大学

Tokyo University of Marine Science and Technology



World Café synthesis

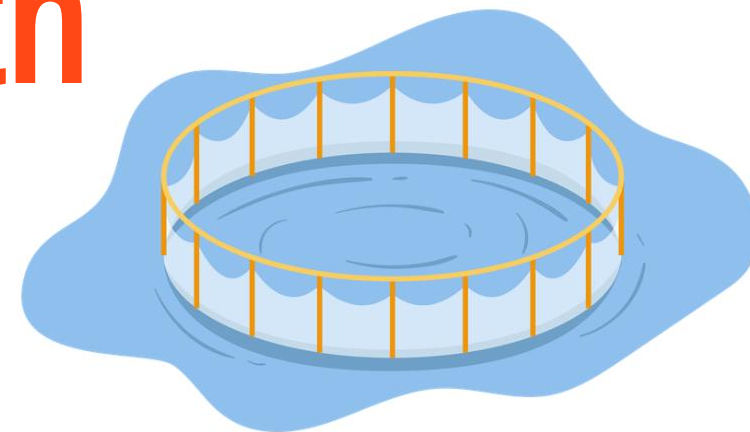
- Facilitators to share summaries of the Challenges identified, including highlights, surprising insights, or cross-cutting patterns.

Prioritising regional challenges

- **Each Member** (represented by the Focal Point or designated representative) will receive 3 sticker dots for each theme. Hence, each Member will receive 16 sticker dots.
- Place your 3 sticker dots on each theme/flipchart on the challenges that you consider the highest priority.
- You may distribute your 3 votes across multiple challenges or place multiple votes on a single challenge in each theme if you believe it is particularly important.



Session 13: Regional Priorities for Aquatic Animal Health



Regional Workshop for WOAHA Focal Points for Aquatic Animals

7 – 9 July 2026 | Tokyo, Japan

Chyna Yong Sui-B

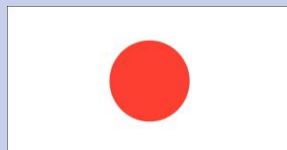
Aquatic Animal Health Officer, WOAHA RRAP

Samuel Castro

Regional TADs Coordinator, WOAHA RRAP



World Organisation
for Animal Health



Australian Government
Department of Agriculture,
Fisheries and Forestry



国立大学法人

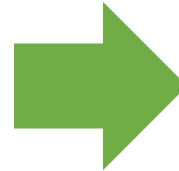
東京海洋大学

Tokyo University of Marine Science and Technology



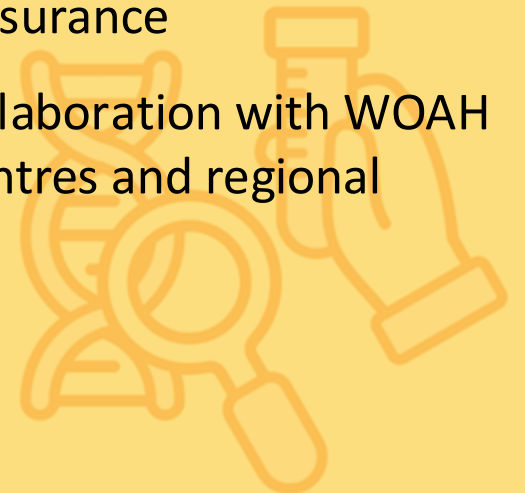
Theme 1: Surveillance, diagnostic, laboratory capacity

-  Surveillance
 - **Limited resources and sustainability**
 - **Weak surveillance implementation**
 - Reporting transparency and stakeholder engagement
 - Sample movement and regulatory challenges
-  Diagnostics & Laboratory Capacity
 - **Limited diagnostic resources and reference materials**
 - **Laboratory infrastructure and workforce shortages**
 - Need for standardized methods and quality assurance
 - Stronger collaboration with Reference Centres
 - More frequent updates of WOAHA Standards



Regional action could focus on:

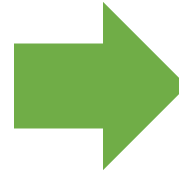
- ✓ Strengthening sustainable surveillance systems
- ✓ Improving access to diagnostics and laboratory resources
- ✓ Expanding technical capacity building and quality assurance
- ✓ Enhancing collaboration with WOAHA Reference Centres and regional laboratory





Theme 2: Reporting, RAAD, and use of WAHIS information

-  Capacity and resource constraints
-  Skills, knowledge and awareness gaps
-  Communication and collaboration barriers
-  Fear and consequences of reporting
-  Role clarity for Aquatic Focal Points



Regional action could focus on:

- ✓ Building confidence and trust in disease reporting
- ✓ Strengthening WAHIS and RAAD knowledge and support
- ✓ Improving communication and coordination across sectors
- ✓ Clarifying roles and responsibilities of Aquatic Focal Points

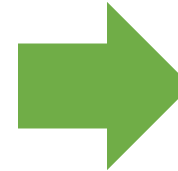




Theme 3: Biosecurity, Zoning & Compartmentalisation and Trade



- Biosecurity = dominant concern
 - 🌊 Open-water production systems
 - 🚢 Transport and trade biosecurity risks in domestic (particularly on ornamental fishes) and international trades
 - 🏠 Challenges implementing biosecurity *small-scale farms
- 🔬 Capacity and infrastructure gaps (lab capacity, quarantine, border control, workforce capacity, farmers awareness)
- 🗺️ Zoning and compartmentalisation challenges (limited surveillance, mapping information, understanding of concepts)
- 🌐 Limited cross-border coordination and information sharing



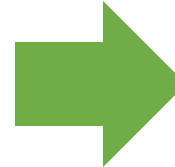
Regional action could focus on:

- ✓ Practical and risk-based biosecurity approaches
- ✓ Stronger cross-border collaboration and information sharing
- ✓ Capacity building for quarantine and emergency preparedness
- ✓ Support for biosecurity implementation across different production systems



Theme 4: Other Challenges & Emerging Issues

- 🚨 Early detection of emergency issue and RL confirmation
- 🌱 Climate change and emerging diseases
- 👤 Fish health professional workforce shortages
- 🏛️ Governance, institutional coordination, competing resources
- 🌾 Changing production systems and increasing complexity
- 🤝 Capacity building (ToTs, officials)
- 🧠 Cultural barriers, stakeholder buy-in and engagement



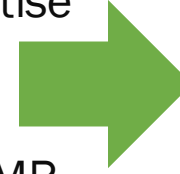
Regional action could focus on:

- ✓ Building a resilient aquatic animal health workforce
- ✓ Preparing for emerging disease risks
- ✓ Strengthening governance and institutional coordination
- ✓ Supporting countries to adapt to changing production systems



Theme 5: AMU & AMR in aquaculture

-  Lack of standardized AMR methods and guidelines (AST standards, clinical breakpoints, rapid testing, surveillance guidance)
-  Weak AMR surveillance systems and unaware of ANIMUSE
-  Limited diagnostic capacity and access to technical expertise (rapid testing, AMR diagnostics, reference support)
-  Limited collaboration across sectors (aquatic–livestock AMR frameworks, cross-sectoral surveillance)
-  Need to reduce unnecessary antimicrobial use (alternatives to antibiotics, ornamental fish trade, environmental spread) and Policy and implementation gaps (legislation, National Action Plans)



Regional action could focus on:

- ✓ Enforcement of regulations
- ✓ Capacity building for diagnostics and mitigation solutions
- ✓ Diseases prevention
- ✓ Surveillance programme for AMU/AMR
- ✓ Education and awareness



From Challenges to Opportunities

Our next World Café will explore how can we collectively address these priorities as a region?

Goal of this session

- To identify **capacity needs and actionable solutions** through a consensus process
- To **prioritise key actions** for WOAHA RRAP planning and AP-AquaNet flagship activities



From Challenges to Opportunities Our next World Café will explore how can we collectively address these priorities as a region?

Think about:

- Regional mechanisms
- Existing networks and partnerships
- Capacity-building opportunities
- Collaboration between Members
- Support from WOAHA and Reference Centres
- Practical actions for the coming years





Themes

- First round: 25 mins
- Subsequent rounds: 10 mins each

All rounds



Solutions should be actionable, adequately described, can be in the form of needs, support mechanisms, network, or tapping into existing opportunities/resources.

1

Surveillance, diagnostic,
laboratory capacity

2

Reporting, Regional Aquatic
Animal Disease Reporting, and
use of WAHIS information

3

Biosecurity, zoning &
compartmentalisation,
trade

4

Other challenges &
emerging issues

5

AMR/AMU in aquaculture



Group 1 (Nick, Maho)	Group 2 (Ed, Anastasija)	Group 3 (Ana, Saraya, Karma)	Group 4 (Mario, Kim)	Group 5 (Sophie, Moss)
Australia – Dr Yuko Hood	Bangladesh – Mr Habib Forhad Alam	Bangladesh – Ms Syeda Sadia Nuria	Bhutan – Mr Tshering Dorji	Cambodia – Mr Chan Dara Khan
Japan – Dr Yohei Fukui	ROK – Dr Seongdo Lee	ROK – Dr Yu Jinha	ROK – Dr Kim Jae-Ok	Japan – Mr Shu Katano
Malaysia – Dr Azila Abdullah	Laos – Mr Akhane Phomsouvanh	Maldives – Ms Fathimath Shazra Mueen	Mongolia – Mr Munkhduuren Shatar	ROK – Dr Kim Min-Jae
New Caledonia – Ms Stéphanie Sourget	New Zealand – Ms Rissa Williams	PNG – Ms Elaine Kagen a	Philippines – Dr Joselito R. SOMGA	Singapore – Dr Diana Chee
Singapore – Dr Jing Chen	Thailand – Dr Baoprasertkul Puttharat	Timor-Leste – Mr Alberto Viegas Soares	Vanuatu – Mr Walter Temakon	Chinese Taipei – Dr Tai-Thing Chen
Tonga – Ms Mele Toli Faanunu	Indonesia – Dr Christina Retna Handayani	Kiribati – Mr El-jay Neneia	Sri Lanka – Dr Kasagala Hewage Dulip Tharanga Kasagala	Fiji – Mr Isikeli Odrovakavula
Cook Islands – Ms Heiarii Tia-Marie Syme	SAARC – Dr Md. Shariful Islam	Chulalongkorn University – A.Prof Dr Channarong Rodkhum	JICA – Mr Hiroyuki Tanaka	



World Café synthesis

- Facilitators to share summaries of the Proposed Solutions

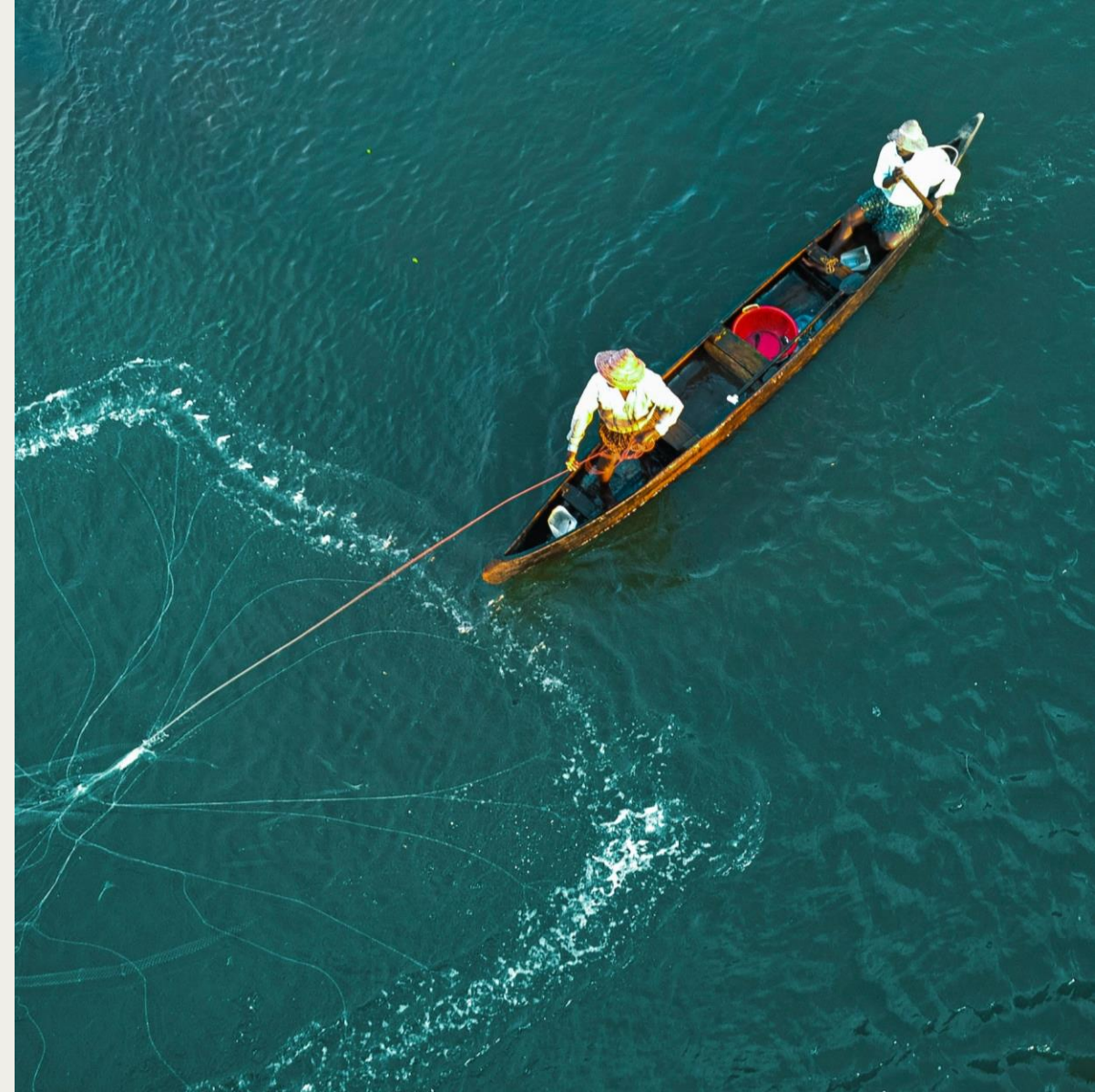
Prioritising solutions

- **Each Member** (represented by the Focal Point or designated representative) will receive 4 sticker dots to vote across ALL themes.



- Place your stickers on which solutions that will benefit your country/territory or for the region that should be prioritized.
- You may distribute your 4 votes across multiple proposed solutions or place multiple votes on a single proposed solution.

Thank you



World Organisation
for Animal Health



Australian Government
Department of Agriculture,
Fisheries and Forestry



国立大学法人

東京海洋大学

Tokyo University of Marine Science and Technology