



ADVANCED GIS TRAINING FOLLOW UP 2022

FIRST WORKSHOP /INTRODUCTORY SESSION

Tuesday, 3 MAY 2022



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Background

- The Advanced GIS virtual training course was organised **during 27 July – 30 August 2021** to improve capacity of Members in animal disease surveillance and control through GIS tools.
- **31 participants** from **10 countries** in SouthEast Asia and the Pacific have completed self-learning and eight virtual live training sessions.
- As a highlight of the training, country teams successfully **applied Multi Decision Criteria Analysis (MCDA) tool and spatial risk assessment (SRA) methods**.
- Participants created risk maps for priority disease including African Horse Sickness (AHS), ASF and dog-mediated rabies.
- The training is expected to benefit the prioritisation of areas for disease prevention and control activities and assist decision-makers to develop risk management strategies.
- For more information about Advanced GIS Training 2021 , please feel free to visit [Capacity Building in disease surveillance and control by using GIS tools - OIE - Asia](#)



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Assessment questionnaire (Forms)

- Criteria

- Past trainings.
 - Experience using GIS.
 - Technical awareness.
 - Task of developing maps
- 42 responses /32 selected.

Country Projects (Practice)



- 2 live sessions out of 7
- Country/Group assignment.
- Assignment progress session.
- Closing workshop.

7 Technical Live sessions (Zoom)



- Training overview and introduction to spatial risk assessment.
- Spatial risk factors identification and weighing techniques.
- Spatial data types and
- Spatial risk surfaces.
- Spatial clustering.

Self learning sessions (stream)



- Spatial data types exercises.
- Spatial clustering.
- SATSCAN.
- Discussion forum.



Advanced GIS Training Participants



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Advanced GIS Training Participants

Recording... [Pause] [Close]

Participants:

- [MAS] Leonor...
- OIE SRR-SEA_Pre...
- Ashish Sutar
- Ronello Abila
- PH_Chloe Co...
- Bolortuya Pur...
- LA_Laphinh P...
- LAOS_Viliddet...
- Cambodia, So...
- Mongolia_Erd...
- Thailand_vilai...
- Chris Compton
- Vietnam_Tung
- 946713
- Karma Rinzin
- Ermyn Ermita...
- PH_Anthony B...
- IDN_Siti Yulia...
- (TH) Kittin T
- SG_Wendy Sng
- NZ_Art Subha...
- Galaxy A20s
- Thailand_Khe...
- PNG_Elaine H...
- [MAS] Muha...
- Indonesia_Yu...
- PH_Joanna D...
- Wei Jie Tan
- Mongolia_Bay...
- M.M. Hidayat ...
- PNG_Nathan ...
- Mariani Hashi...
- Viet nam _Lê Đă...
- VietNam_Quoc...
- Mongalia_Kh...
- PNG_Elaine Kag...
- Cambodia-Soch...
- SG - Terence Xie
- Peng Li



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Evaluation findings (2021 training)

(Where and how would you apply knowledge and skills ?)

Disease monitoring, surveillance, control strategies, Create Risk Maps to support the disease control policy

Map out significant diseases to use the spatial-risk based information to back up risk mitigation

Spatial Risk Assessment of Priority Diseases ASF incursion, ASF spread, LSD, Avian Influenza and Rabies

MCDA method not only used for the country /area but also for individual farm

Mapping disease in country and teaching field officers



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Evaluation findings (2021 training)

Any suggestions to improve such virtual training in future?

Needs a lot of exercises activities in different scenario to fully capture and understand the process, and techniques used

Pacing of activities should be a bit slower to absorb the topics completely

Enough time can be allocated to country project as there were some difficulties encountered

Continue this training for every year ,should be face to face

Having a recorded video on the lecturer going through the steps and trouble shooting, for the various exercises



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Agenda

Time	Topic	Methodology	Facilitator
Tuesday, 3 May 2022			
9.00 am	Context and agenda		Dr Ashish Sutar
9.05 am	Opening remark		Dr Ronello Abila
9.10 am	Objectives, structure and expected outcome of the refresher course	PPT/Mentimeter	Dr Art Subharat
9.20 am	Introduction to updated training contents	Stream	Dr Art Subharat
9.30 am	Review of SRA and Cluster analysis	PPT	Dr Chris Compton
10.00 am	Coffee break		
10.05 am	Country team SRA project interest/support	Breakout Rooms / Plenary	All
10.20 am	Summary, Second workshop (12May), and close of the day		Dr Ashish Sutar



Thank you for the attention

Dr Ashish Sutar

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