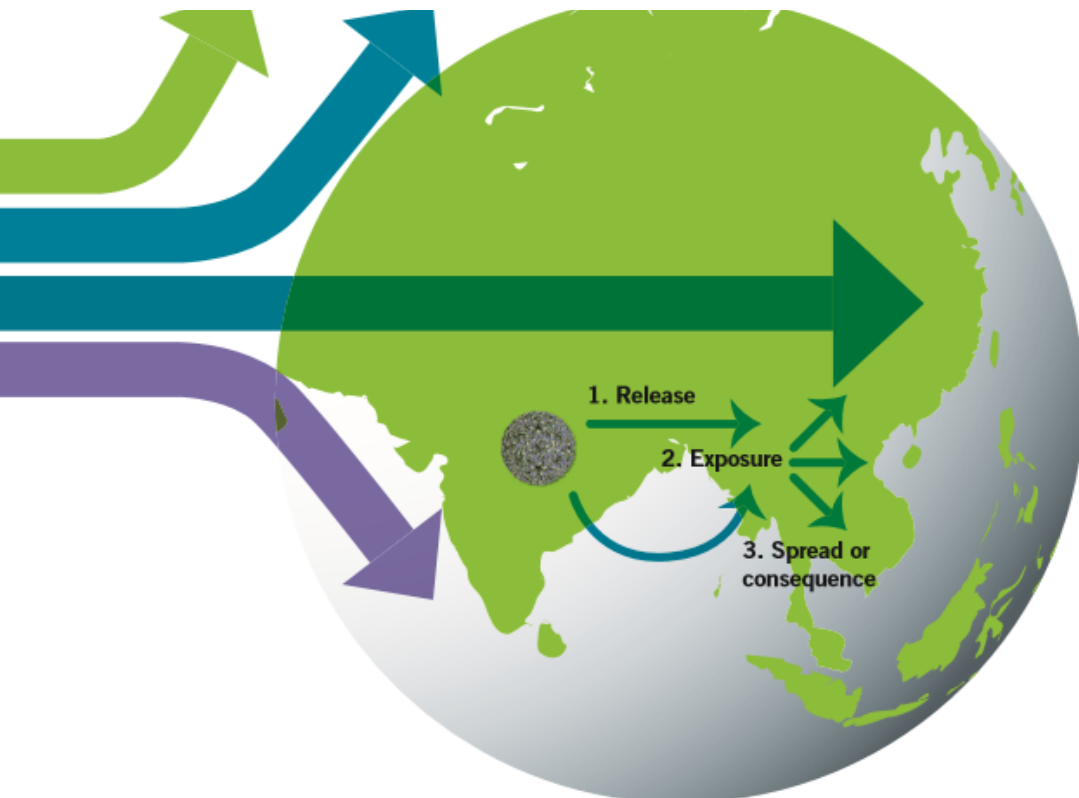


This document shows some of the slides used in the presentation

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# ASSESSMENT OF THE RISK OF INCURSION OF EXOTIC FMD VIRUSES INTO SOUTHEAST ASIA



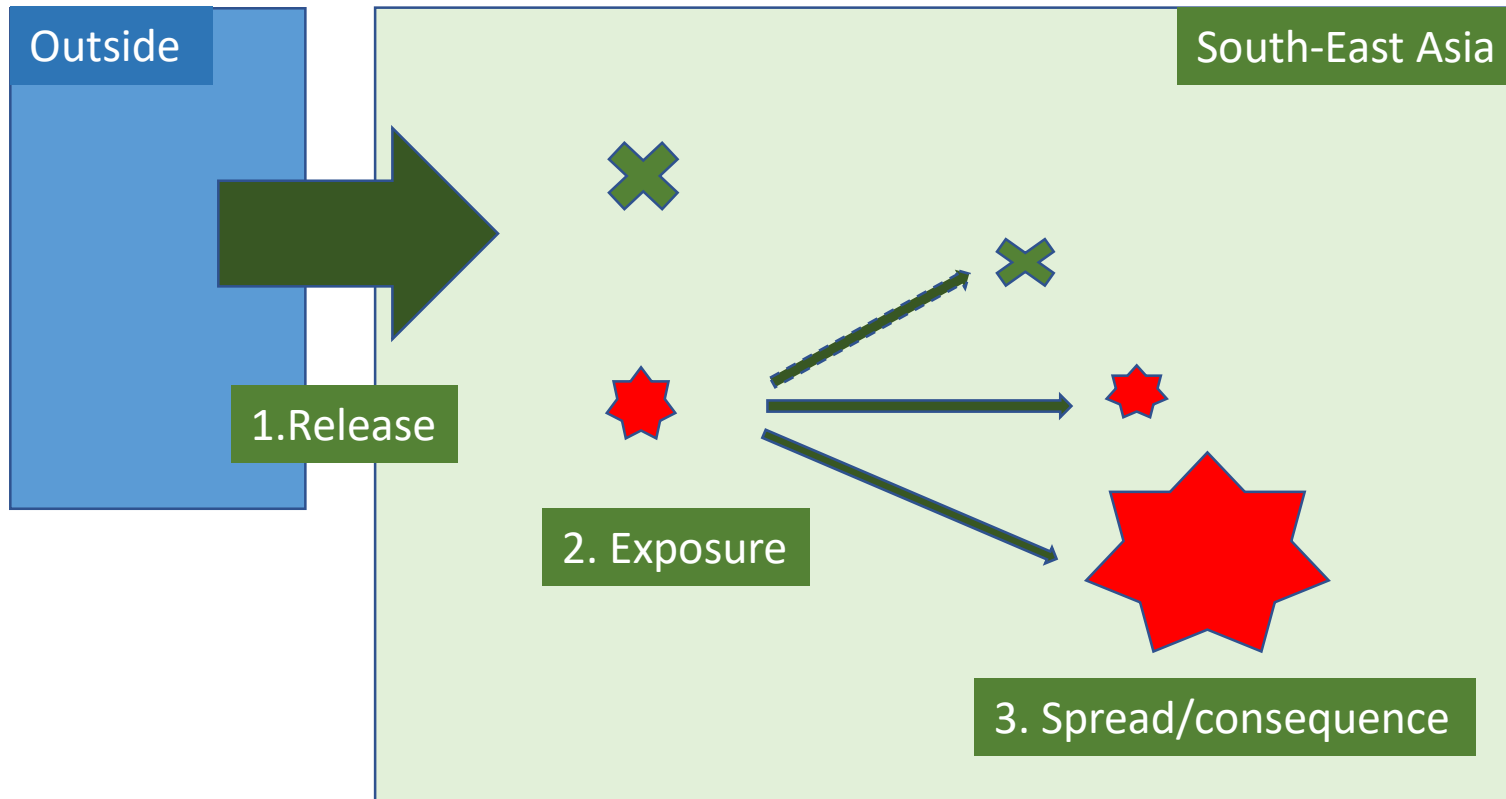
Melissa McLaws

Joao Alfonso

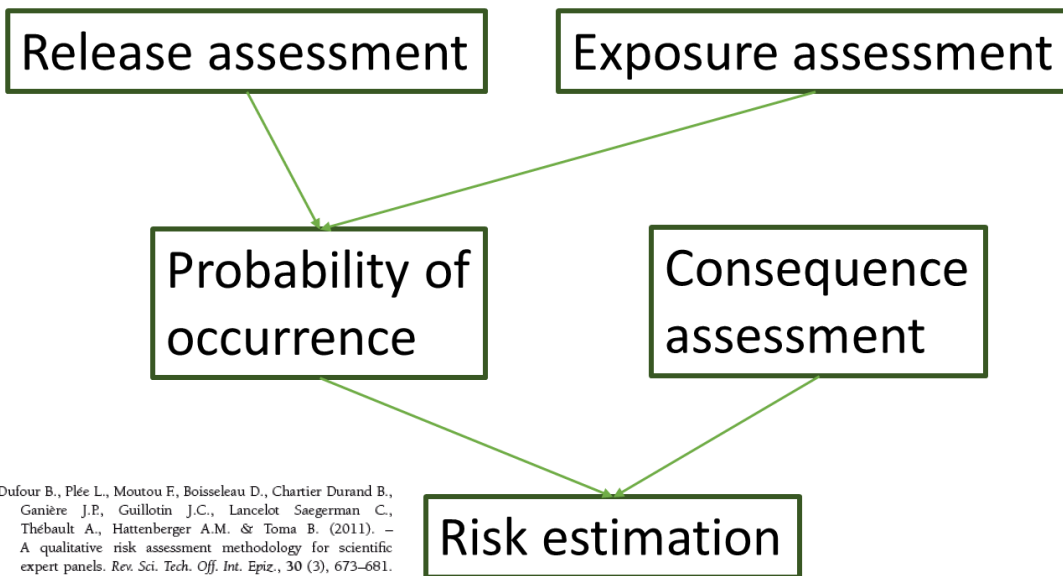
Socheat Sieng

Chris Bartels

# Risk assessment of incursions of exotic FMD strains into SE Asia



### Assessment model



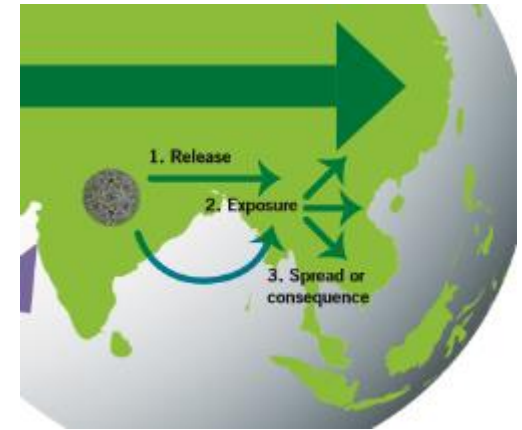
### Combining risk parameters release and exposure into the probability of occurrence

		Parameter 1: release			
Parameter 2: exposure	Level	Negligible (N)	Low (L)	Moderate (M)	High (H)
	Negligible (N)	N	L	L	M
	Low (L)	N	L	M	M
	Moderate (M)	N	M	M	H
	High (H)	N	M	H	H

Moutou F, Dufour B. & Ivanov Y. (2001). – A qualitative assessment of the risk of introducing foot and mouth disease into Russia and Europe from Georgia, Armenia and Azerbaijan. *Rev. Sci. Tech. Off. Int. Epiz.*, 20 (3), 723–730. doi:10.20506/rst.20.3.1307.

Dufour B., Plée L., Moutou F., Boisseleau D., Chartier Durand B., Ganière J.P., Guillotin J.C., Lancelot Saegerman C., Thébault A., Hattenberger A.M. & Toma B. (2011). – A qualitative risk assessment methodology for scientific expert panels. *Rev. Sci. Tech. Off. Int. Epiz.*, 30 (3), 673–681. doi:10.20506/rst.30.3.2063.

# Result of Study



Overall, we conclude that the risk for incursion of an exotic FMDV is 'high'. Results indicate that the risk of further incursions of exotic FMDV is not a matter of 'if' but rather of 'when'. The reality of this is underlined by the detection of FMDV serotype Asia1 in Myanmar as recently as January 2017.

Given the theme of this Open Session, discuss the consequences for vaccine demand and supply to

- Meet the changing environment (export, PCP-programmes)
- Reduce consequences of incursions of new FMD strains/serotypes

# Recommendations

## Overarching regional

Continuous monitoring of FMD virus

Coordinate a regional vaccine stock

## Overarching national

Progressive FMD control including risk-based vaccination

Develop contingency plans

Risk analysis for livestock products

Understand and strengthen passive surveillance

## Livestock regional

Legalize livestock trade between countries and China

Monitor livestock movements

Cost-effective active surveillance

## Livestock national

Private sector initiatives to increase vaccination coverage

CAHWs as focal persons

Thank you for watching

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