

Risk assessment of incursion of FMD exotic strain into South East Asia

***A collaborative, science-based work between the OIE
and international experts and researchers***

The incursion of exotic foot and mouth (FMD) strains is a recognised threat for South East Asia. As part of its mandate under the South East Asia and China FMD Campaign (SEACFMD), the OIE Sub-Regional Representation for South East Asia has worked with internationally recognised experts and researchers to assess the risk of introduction of FMD exotic strains in the sub-region. The studies concluded that the risk for incursion of an exotic FMD virus into South East Asia is high and likely to lead to extensive regional spread as a result of intense cross-regional livestock trade, weak surveillance and response capacities.

This work, in line with the OIE Sixth Strategic Plan encouraging science-based risk management of diseases, has increased the knowledge in animal movement patterns and in incursion risks in the sub-region. It has led to the publication of several papers:

Corissa A.J. Miller et al. **Risk factors for emergence of exotic foot-and-mouth disease O/ME-SA/Ind-2001d on smallholder farms in the Greater Mekong Subregion** *Prev. Vet. Med.*, 159 (2018), pp. 115-122

Chris Bartels et al. **Risk analysis on incursion of exotic FMD viruses into Southeast Asia**, May 2017, www.rr-asia.oie.int/fileadmin/FMDbook-v5.pdf

Y. Qiu et al. **Emergence of exotic O/ME-SA/Ind-2001d foot-and-mouth disease viruses in South-East Asia in 2015** *Transbound. Emerg. Dis.*, 65 (2017), pp. 104-112

■ October 2018