

# ISAH webinar: African Swine Fever – Present state, spread & prevention

**Key note speaker: Prof. Dr. R. Thanawongnuwech**



Prof. Dr. R. Thanawongnuwech  
Dean  
Chulalongkorn University  
Faculty of Veterinary Science  
Bangkok, 10330 Thailand



## The future of the pig industry after the introduction of ASF into Asia

**Dr. R. Thanawongnuwech** received his DVM in 1989 from Chulalongkorn University, Bangkok, Thailand and his PhD (Vet Pathology) from Iowa State University (ISU) in 1998. He is currently working as a veterinary pathologist at Chulalongkorn University, focusing on emerging diseases in animals and concurrently, is an Affiliate Professor at the Department of Veterinary Diagnostic and Production Animal Medicine, College of Veterinary Medicine, ISU. He authors and coauthors over 100 scientific papers.



<https://www.picfair.com/>

### Key words of the talk:

- The spreading
- Differential Dx
- Biosecurity & Best practice
- Future pig industry after the outbreaks
- Compartmentalization
- COVID19 factors
- Take home messages

# ISAH webinar: **African Swine Fever** – Present state, spread & prevention

**Keynote speaker:** Prof. Dr. R. Thanawongnuwech – **The future of the pig industry after the ASF introduction into Asia**



## Abstract

- **The spread of ASF** across China and other Asian countries have resulted in the huge loss of global pig populations and sustainability of the global food supply chain. Rapid diagnosis is of important for prevention and control.
- **Most vulnerable and affected segment** would be small and medium holders. **Transformation of the pig industry to large-scale farms**, together with better standardized production systems and biosecurity, would facilitate future survival of the industry and could contribute substantially to the food security.
- During the **pork shortage**, a looming food crisis changed **protein consumption behavior** from meat to alternative protein sources such as chicken or fish.
- The ASF outbreaks in Asia might render the virus deleterious to the regional and later the global pig industry. Travelers and international trading are the major carriers of this so-called a **human driven disease**, ASF.