

EpiX Analytics ASF project in Vietnam: “EpiX ASF Risk”

November 2019 Workshop:

Analyses to Inform Mitigation Options for African Swine Fever in Vietnam



Program and slides available at:

[https://www.epixanalytics.com/EpiXASFVietnam/HCMC ASF Intro.pdf](https://www.epixanalytics.com/EpiXASFVietnam/HCMC_ASF_Intro.pdf)

Project overview

- Objective: support efforts to mitigate the spread of ASF in Vietnam
- Two-year project (ending in June 2021)
 - Funded via a grant from the USDA-FAS
 - Project team working independently but in close collaboration with Vietnamese stakeholders (industry, veterinary authorities, university)
 - Support of the USDA-APHIS team to coordinate activities in Vietnam

Project activities

1. Epidemiological and risk-based analyses
 - In collaboration with stakeholders
 - Using **existing data** / information from Vietnam
 - **No field visit / data collection** component

2. Visits for:
 - Short training courses customized for collaborators
 - 2-5 days
 - Topics depending on on-going activities, may involve external experts
 - Workshops:
 - 1-2 days
 - Review of project analyses and how they inform ASF control strategies
 - March '20, August '20, January '21, May '21

Key team members

- EpiX Analytics:
 - Project leader and ASF expert: Dr. Solenne Costard
 - Modeling and epidemiology team
 - Dr. Francisco Zagmutt, Dr. Solenne Costard, Dr. Huybert Groenendaal, Dr. Jane Pouzou
- Epidemiology expert: Prof. Perez, U of Minnesota



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ASF expert



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About EpiX Analytics

Specialized in risk and **decision modeling research, training, and consulting** – founded 2003, two offices in Colorado, US

Private and government clients worldwide, some examples



Today's workshop objectives

- Morning:
 - Overview of African swine fever
 - Epidemiological, risk, and modeling methods used to inform disease control
- Afternoon:
 - Open table: industry needs for ASF control
 - Review and discussion of the planned project activities

Today's workshop

8:30	<u>Introduction</u> (Costard, Zagmutt)
9:00-10:00	<u>African Swine Fever: overview, options for control</u> (Costard) Questions and Answers
10:00	<i>Tea / Coffee Break</i>
10:30-11:00	<u>Risk and epidemiological methods for strategic disease control</u> (Zagmutt) Questions and Answers
11:00-12:00	Overview of “EpiX ASF Risk” project activities (Costard) <u>Partitioning activity: “ASF-free farms in an ASF-affected area”</u> (Costard)
12:00	<i>Lunch Break</i>
13:00-14:00	<u>Proposed plan for implementation in Vietnam</u> (Costard) Questions and Answers
14:00-15:00	Open discussion: <ul style="list-style-type: none"> • Discussion of proposed activity • Structure of production systems • Practices and their frequencies
15:00	<i>Tea / Coffee Break</i>
15:30-16:00	Wrap-up and next steps

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