

Wildlife Surveillance and Control for Foot-and-Mouth Disease

Practical Training for the Balkan Countries

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OS16-FMD-General@fao.org

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Movie

The Training

- Location: State hunting ground Vitoshko-Studena, Bulgaria
- Period: 22-25 February 2016



- Participants: 22 contingency planning/wildlife officers from the Balkan countries
- Trainers from:
 - EuFMD
 - Friedrich-Loeffler Institute (FLI)
 - Bulgarian Food Safety Agency (BFSA)

Objectives

Providing theoretical and practical training on:

- role of wildlife in FMD disease epidemiology at the wildlife interface with domestic livestock;
- ecology, epidemiology, surveillance and control of wildlife;
- early recognition of contagious disease signs in wild animals;
- contingency planning, wild life surveillance and measures in case of confirmation of the disease in wild animals;
- alternative methods of wildlife management;
- biosafety, biosecurity during the game processing;
- clinical examination and sampling of wild boar for animal contagious diseases.



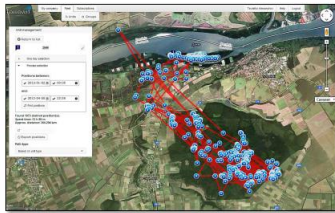
Theoretical part

- the role of EuFMD in FMD control and eradication;
- contingency planning for FMD - measures to be implemented in case of confirmation in wild animals;
- wildlife health and management - strategy and capacity to address animal health issues at the wildlife-livestock-human interface in Eastern and Central Europe;



Theoretical part

- Bulgarian experience with the FMD epidemics in 2011 - wild boar surveillance, reinstatement of FMD free status;
- telemetry studies in Bulgaria - home ranges, spatial and social interactions in wild boar population and the role of wild boar in FMD disease epidemiology;
- non-invasive sampling of wild boar for FMD - alternative sampling methods for the animal disease detection following ANIMO principle (active, non-invasive management of outbreaks)

Wild boar ecology and disease

space use and social interactions in a wild boar population

Keith Sumption, Sergei Khomenko,
Dimitar Stefanov &
Tsviatko Alexandrov

Practical Training of
Wildlife Surveillance,
Vitoshko-Studena, Bulgaria,
22-25 Feb 2016



Practical exercises

- distribution of baits for non-invasive sampling of wild boar at feeding locations following observation of wild animals and collection of baits;
- trapping systems for wild boar;
- clinical investigation, dissection and sampling of hunted wild boar for contagious animal diseases;



Practical exercises



- exercising biosafety and biosecurity in game collection center
- wildlife management systems in place – presentations from participating countries;
- development of the common strategies for wildlife surveillance and animal disease control in the wildlife – group activities.



Conclusions

- wildlife management and surveillance strategy should be further developed with specific part in the Contingency plans designated for this particular purpose;
- common strategies for the control of animal contagious diseases in wildlife should be developed for the Balkan region;
- manual on Biosafety good practices during the game processing for veterinarians and hunters;
- non-invasive sampling to be used as first indicator method for the early detection of FMD introduction;
- further development of ANIMO principle (Active, Non-Invasive Management of Outbreaks), of sampling procedures and their inclusion in the national animal disease surveillance programmes.

