



**First OIE regional workshop on the role of Veterinary
Services on
animal welfare in natural disasters for Balkan countries
26-28 November 2018, Teramo, Italy**

**Country Report: Republic of Macedonia
Emergency preparedness of the Veterinary Services
for natural disasters**

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Location of Republic of Macedonia





Competent authorities in Republic of Macedonia

- Concerning natural disasters, competent authority which has the main responsibility at national level for disaster prevention and disaster management is **Directorate for protection and rescue**
- How the veterinary services are involved in the management of a natural disaster? - **Veterinary services are involved in the area of animal health and welfare, food safety, animal feed, biosecurity, safe disposal of carcasses...**

Competent authorities

What plans, guidelines and instructions are available at the veterinary services for use by staff dealing with a natural disasters?

- Animal health law,
- Food safety law,
- Decision on contingency planning in food safety,
- Order/ Decision on contingency plans in animals,
- Procedure for preparation of contingency plans and
- Separate contingency plans and operating manuals for different diseases in animals

Cooperation with private actors and non-governmental organisations

- Do the veterinary services use assistance of private veterinarians or staff of other services in case of a natural disaster?

In case of emergency assistance is used from the private veterinarians – practitioners working under contract with the competent authority

Cooperation with private actors and non-governmental organisations

- Are there other bodies/ organisations within the agri-food industry (e.g. animal health and welfare services, farmers' organisations, agri-food advisory services etc.) other non governmental organisations (NGOs) which the veterinary services cooperate with in "peace-time" and/or emergencies, such as natural disasters?

Other institutions: national laboratory for diagnostic, municipalities,

Experience of natural disasters

- Please describe the types (flooding, forest fire, earthquake, landslide, drought) of natural disaster events that occurred in 2003-2018 in your country and the largest area affected (national, regional, local).
- Please describe roles, responsibilities and tasks of the veterinary services in those disasters.
- Please describe the main critical issues addressed, and the solutions adopted.

Floods 2014-2015





Flooded areas

location	year	No of affected animals	No of human casualties
Skopje;	1962	Unknown	4
Skopje area	2016	On next slide	22
Bitola	1961, 2013	/	/
Tetovo	2015	65 sheep&goat, 1 cattle, 1 dog , 330 poultry	6
Kavadarci, Demir kapija region	2015	Several fish farm	

Bitola Region 11.10. 2013

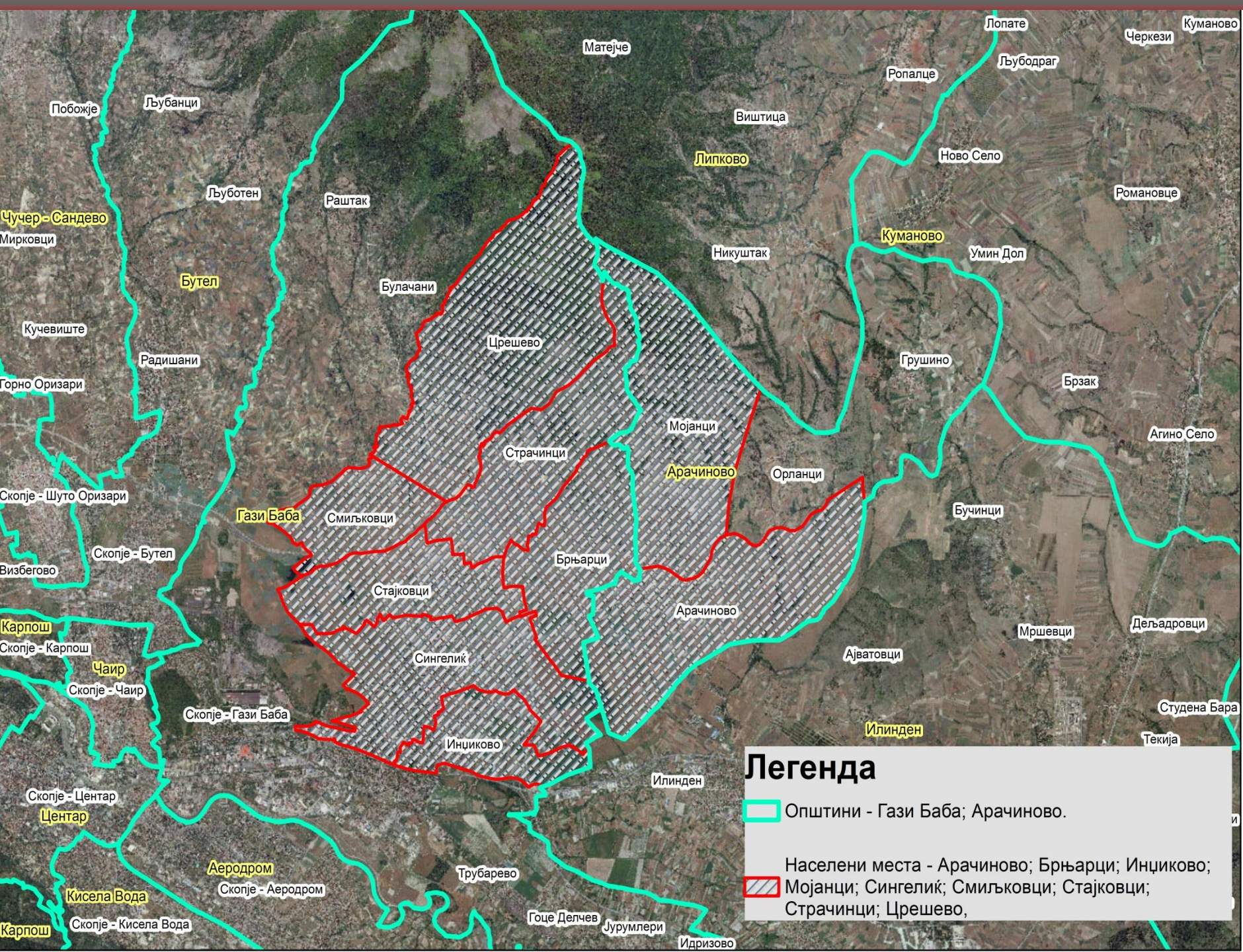


Tetovo Region 03.08.2015



Skopje Region 06.08.2016





Легенда

- Општини - Гази Баба; Арачиново.
- Населени места - Арачиново; Брњарци; Инџиково; Мојанци; Сингелик; Смиљковци; Стајковци; Страчинци; Црешево,

Results of extraction of died animals in flooded areas 07.08.2016-24.08.2016



no.	Animal species	Number of uploads and safely removed carcasses	Location of the animal carcasses – where animals were found
1.	Cattle	23	Near by Aracinski pat, Singelikj
2.	Sheep & goat	232	Near by Aracinski pat, Singelikj, Stajkovci, Smiljkovci, Indzikovo , Ekonomija other animals found in drains, garbage dumps
3.	Pig	15	Stajkovci , Ekonomija
4.	Poultry (chickens, hens, turkey and pigeons)	1616	Singelikj, Stajkovci, Smiljkovci, Indzikovo , Ekonomija
5.	Dog	39	Stajkovci , Ekonomija Singelikj
6.	Cat	6	Stajkovci
7.	Rabbit	69	Stajkovci , Ekonomija
8.	Beehives	174	Diferent locations

Damage from the flood



Damage in a poultry farm



Damage in poultry farm



Damage in poultry farm



Damage in poultry farm



Unknown dead animals



Damage in cattle farm



Damage In cattle farm



Areas/ farms difficult to access



Disposal of animals -limited



Lack of equipment



Areas/ farms difficult to access



Disposal of dead animals



Safe disposal



Safe disposal



Rabbit farm



FVA activity

- Recovery of domestic animals;
- Extraction of died animal carcasses;
- Donation of animal feed;
- Preventive official controls of food operators;
- Educational visits to food operators damaged by the storm and whose buildings were flooded;
- Emergency disinfection, disinfection and derealization;
- Control in/of the distribution of humanitarian aid;
- Safe disposal of carcasses;
- Public awareness in relation to food, water, feed, animal health and welfare

Problems identified

- Not good communication between different institutions,
- Lack of involvement of different institutions (Crises management center, Local self government),
- Lack of equipment and machinery.

Training and simulation exercises

- Are there any compulsory or voluntary training programmes preparing veterinary services' for their roles when dealing with natural disasters? **No**
- Is there any specific body/organisation responsible to plan and manage training in this field in your country?- **No, this activity will be addressed from the contingency planning unit.**
- Have the veterinary services taken part in any simulation exercises (for natural disasters) organised internally or together with civil defence authorities?- **Yes, 2015 (one person as observer)**
- Is there available any educational material to support training of veterinary services in natural disasters? - **No**

Exercises, training and lessons learned

- If you experienced a real natural disaster - did the veterinary services carry out an **"After-Action Review"** of the decisions and actions taken during the natural disaster to identify weaknesses and strengths in the system? – **No**
- If yes, please describe who participate in the "After-Action Review", and how they work for the scope.



Thank you for your attention!