



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:
Emergency preparedness of the Veterinary Services
for natural disasters**

Bosnia and Herzegovina

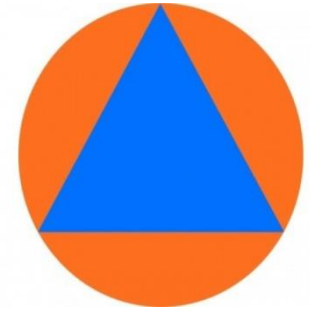
Presenter: Aleksandar Nemet, DVM

Competent authorities



- Protection and Rescue Sector of the Ministry of Security of Bosnia and Herzegovina
 - Framework Law on the Protection and Rescue of People and Material Goods from Natural or Other Disasters in Bosnia and Herzegovina
 - Risk assessment of protection of Bosnia and Herzegovina from natural and other disasters
 - Coordination of all activities

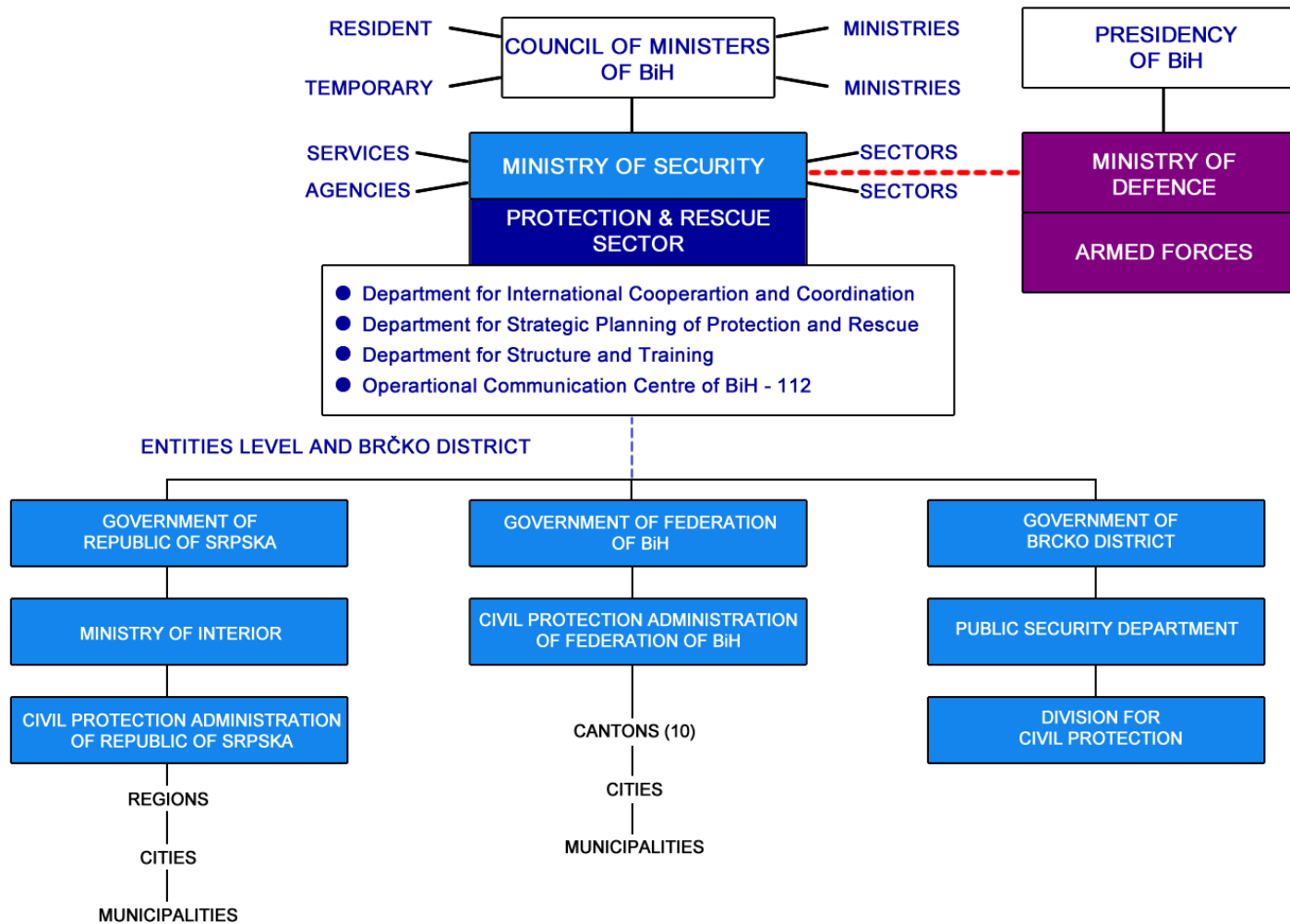
Competent authorities



- Civil defense services on entity and local level
 - In accordance with laws on protection and rescue, veterinary service can be included
 - In accordance with Veterinary Law of Bosnia and Herzegovina, civil defense services can be included in case of animal disease outbreaks

Competent authorities

ORGANISATIONAL STRUCTURE



Other specific plans that include VS

- Plan in emergency case of protection of population from protection of the population from ionizing radiation in the event of an emergency, nuclear accident or the occurrence of nuclear damage
- Plan for protection against nuclear-chemical-biological-radiological-explosiv means
- Plan for protection against chemical weapons and reactions in case of accidents and incidents who are included chemicals

Cooperation with private actors and non-governmental organizations

- In accordance with Article 76. of Veterinary Law in Bosnia and Herzegovina, governments can, in case of epizootics, emergencies and war, mobilize all veterinarians and veterinary technicians if needed.

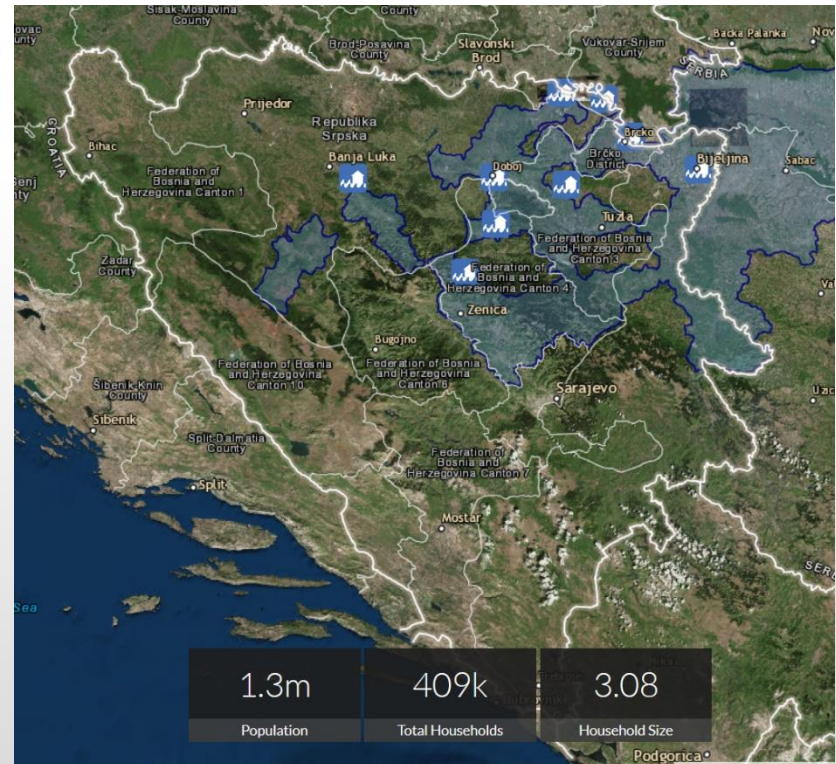
Experience of natural disasters

- Experiences from heavy snowfall in early 2012
 - Food delivery for livestock in mountains and remote areas
 - Protection of stray dog population (mostly NGOs)



Experience of natural disasters

- **Floods in 2014**
 - Between 13-14 May 2014 were the most recorded rainfalls in last 120 years
 - All veterinary services were immediately included in rescue of animals and removal of carcasses



Experience of natural disasters

- **Floods in 2014**
 - Instructions for owners and veterinarians were issued
 - Preventive vaccination against Anthrax was conducted in some area



Experience of natural disasters

- **Floods in 2014**
 - Veterinary services were also included in disinfection and desinsection activities
 - Buildings of veterinary stations and ambulances were flooded and damaged



Video of Veterinary station Šamac:

<https://www.youtube.com/watch?v=0CUh9SQhizs>

Experience of natural disasters

- **Floods in 2014**
 - Rescue of live animals was also conducted in flooded area

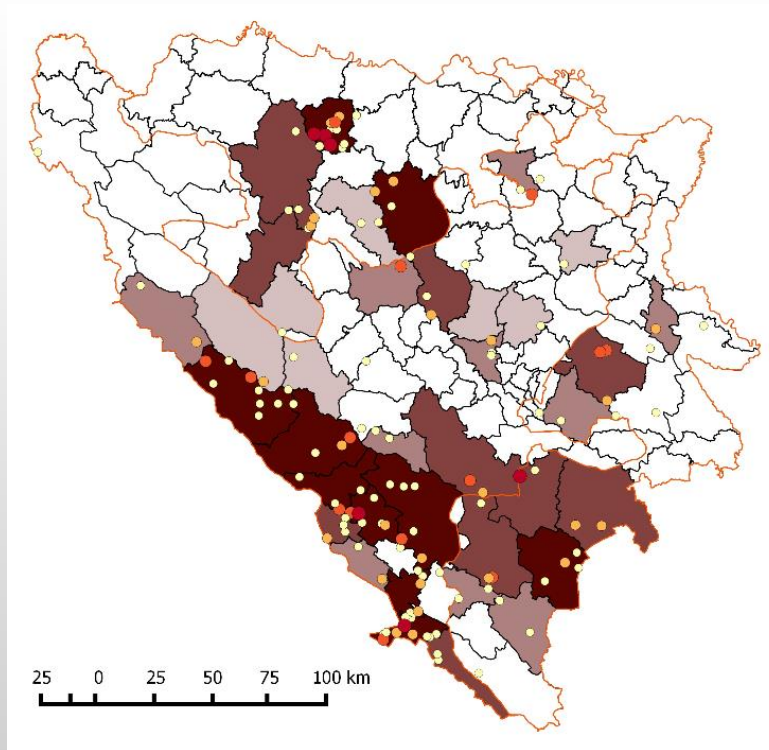


Training and simulation exercises

- There is no training programs preparing veterinary services for their roles when dealing with natural disasters
- Veterinary services have not taken part in any simulation exercises (for natural disasters) organized internally or together with civil defense authorities, **but veterinary services are included in risk assessments.**

Earthquake risk

- Last major earthquake was in 1969 in city of Banja Luka (8 M_W , 6 M_L)



Hidrology risk



Lessons learned

- There is no rendering plant in Bosnia and Herzegovina!
- Most of carcasses were dispatched to rendering plant in Indija (Serbia)
- Total amount of 451.131 kg were dispatched to Indija from flooded area in B&H
- **Veterinarians were very responsive in emergency situation**



Thank you for your attention!

