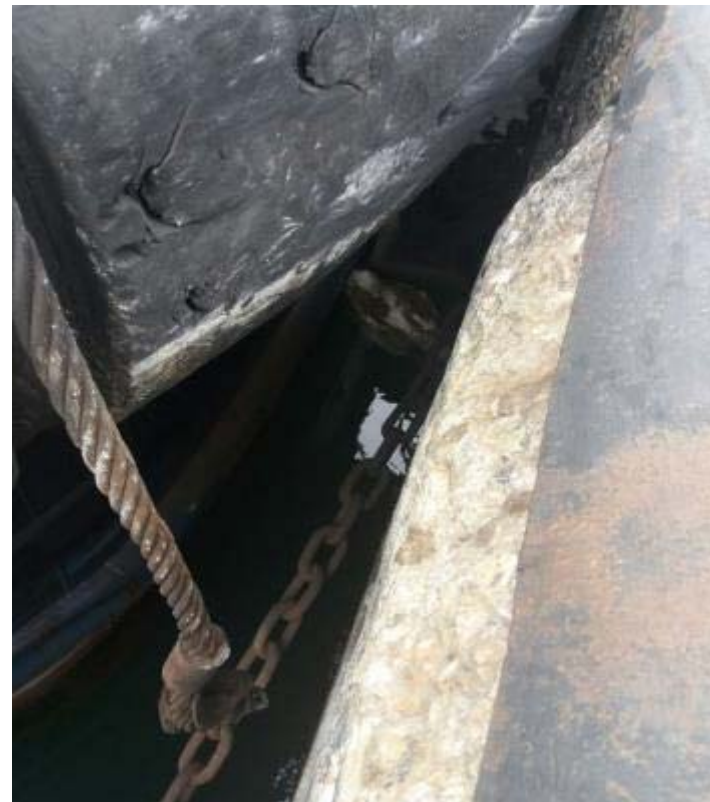
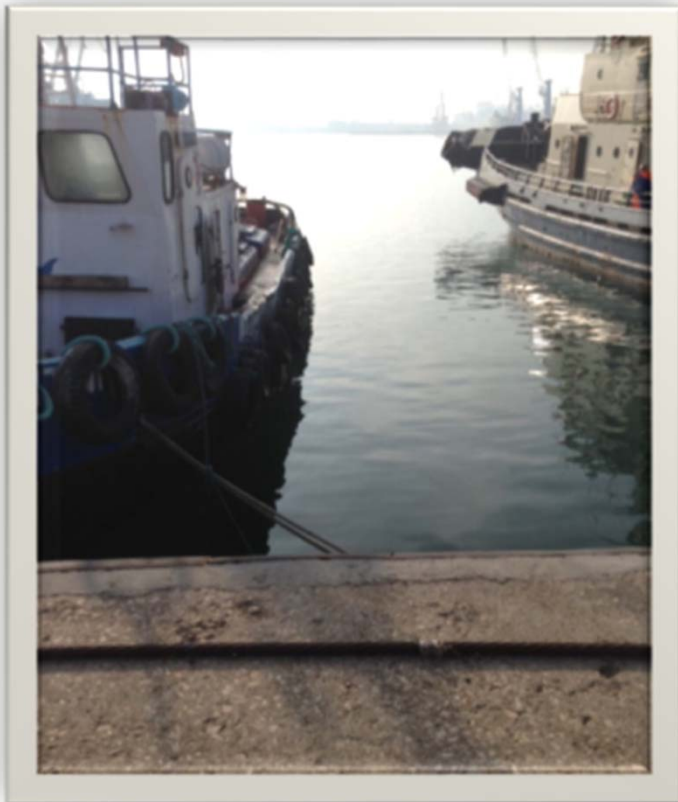


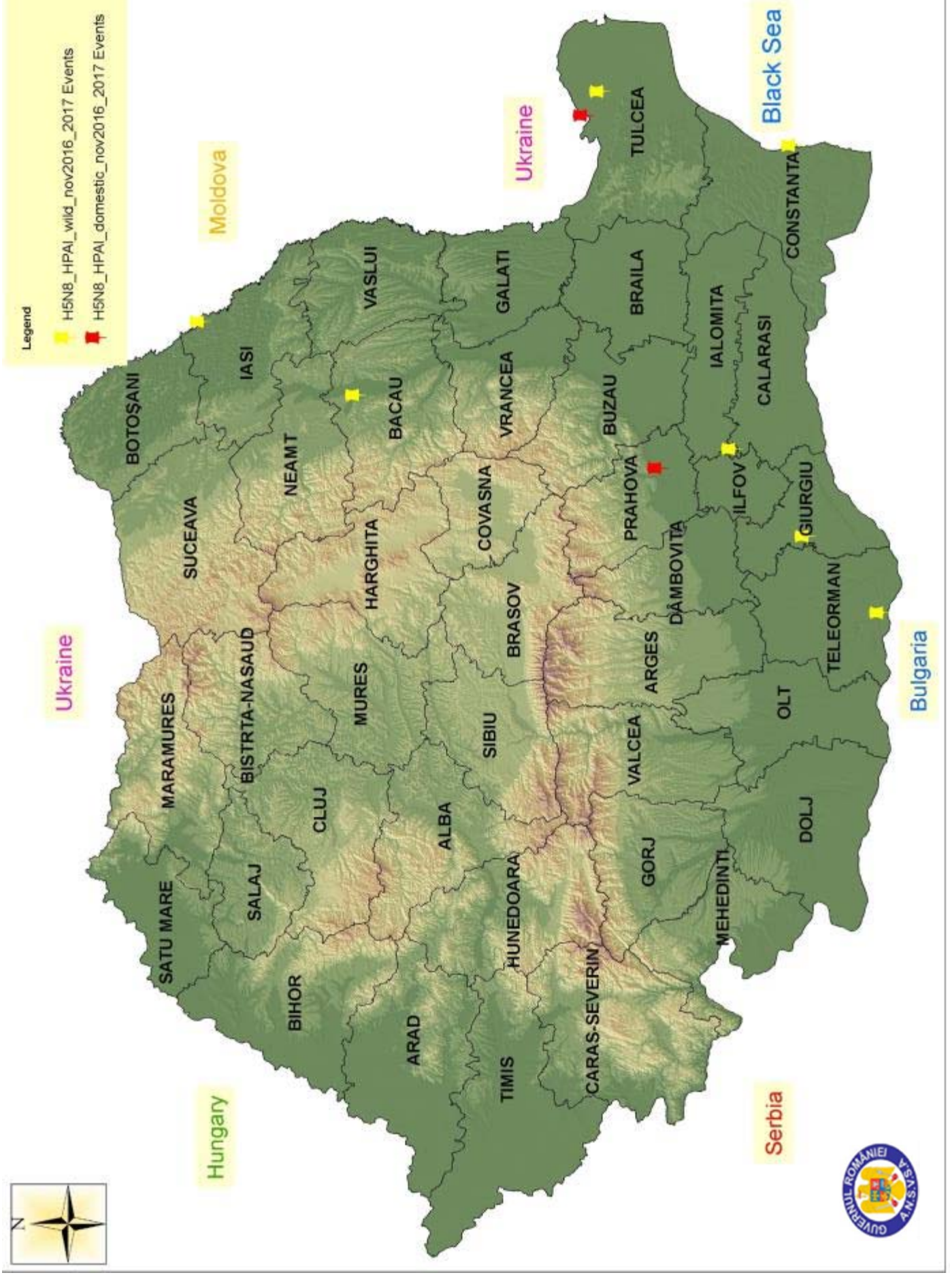


Overview of the evolution of Highly Pathogenic Avian Influenza H5N8 in poultry and wild birds in Romania



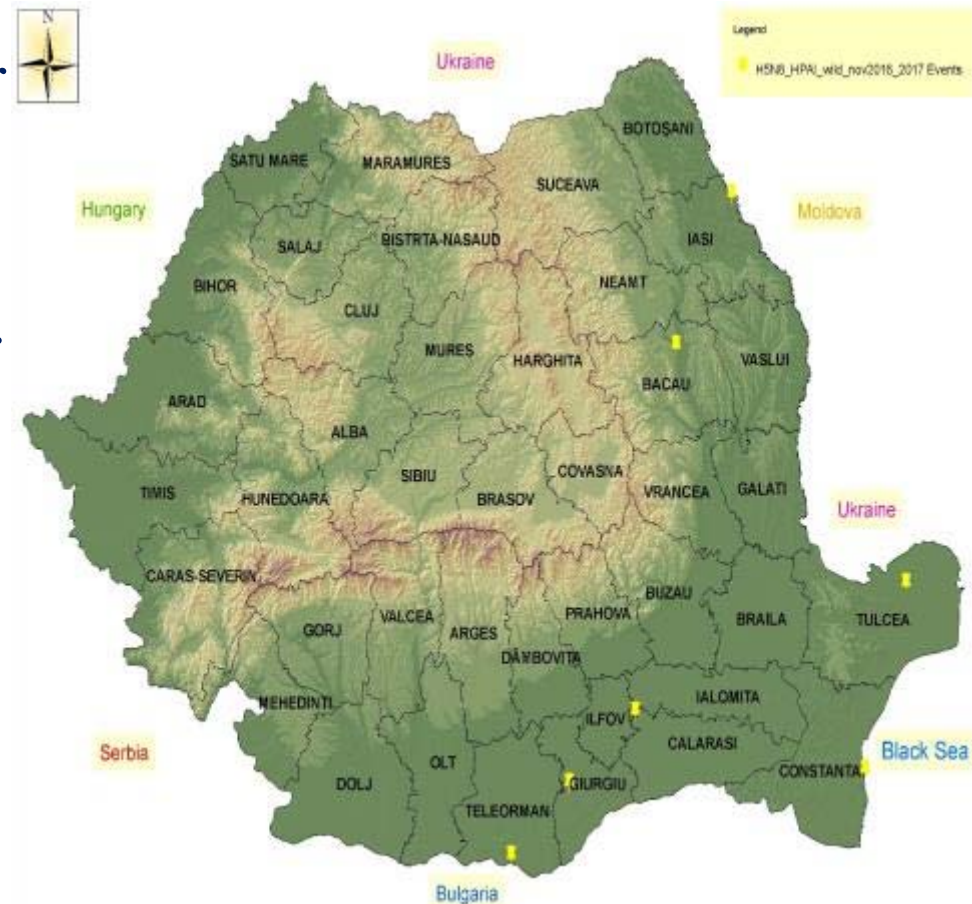
No.	Type of outbreak in domestic birds /cases in wild birds	Type of holdings or the location of the positive cases in wild birds	Settlement	Village	County	Hens	Turkeys	Ducks	Geese	Number and species of wild birds	Date of declaration for the disease suspicion	Date of the confirmation by thr NRL	Date of culling
1	Case	Area Berth 0 in aquatorium of ConstantaHarbour	-	Constanta	Constanta	-	-	-		1/Cygnus cygnus/ Winter swan	23.11.2016	28.11.2016	-
2	Case	Area Berth 0 in aquatorium of Constanta Harbour	-	Constanta	Constanta	-	-	-		1/Phalacrocorax carbo/Cormorant	29.11.2016	05.12.2016	-
3	Case	Area Berth 0 in aquatorium of ConstantaHarbour	-	Constanta	Constanta	-	-	-		1/Cygnus cygnus/ Winter swan	05.12.2016	10.12.2016	-
4	Case	Area Berth 0 in aquatorium of ConstantaHarbour	-	Constanta	Constanta	-	-	-		2/Cygnus cygnus/ Winter swan	07.12.2016	10.12.2016	-
5	Case	Area Berth 0 in aquatorium of Constanta Harbour	-	Constanta	Constanta	-	-	-		1/Cygnus cygnus/ Winter swan	13.12.2016	14.12.2016	-
6	Case	Suhaia lake	-	Suhaia	Teleorman	-	-	-		2/Anser erythropus/Small goose	16.12.2016	17.12.2016	-
7	Primary	Backyard	Pardina	Pardina	Tulcea	165	16	10		-	29.12.2016	30.12.2016	29.12.2016

No.	Type of outbreak in domestic birds /cases in wild birds	Type of holdings or the location of the positive cases in wild birds	Settlement	Village	County	Hens	Turkeys	Ducks	Geese	Number and species of wild birds	Date of declaration for the disease suspicion	Date of the confirmation by thr NRL	Date of culling
8	Case	Fortuna lake	-	Maliuc	Tulcea	-	-	-		1/Cygnus cygnus/ Winter swan	29.12.2016	30.12.2016	-
9	Case	Area Berth 0 in aquatorium of Constanta Harbour	-	Constanta	Constanta	-	-	-		1/Cygnus cygnus/ Winter swan	04.01.2017	09.01.2016 (H5 positive, N1 negative)	-
10	Case	Prut river	-	Trifesti	Iasi	-	-	-		1/Cygnus cygnus/ Winter swan	03.01.2017	07.01.2016	-
11	Case	Lilieci river	-	Hemeius	Bacau					1/Cygnus cygnus/ Winter swan	05.01.2017	12.01.2016 (H5 positive,N1 negative)	-
12	Primary	Backyard	Loloiasca	Tomsani	Prahova	7	-	37	8	-	09.01.2017	11.01.2017	10.01.2017
13	Case	Lilieci river	-	Hemeius	Bacau	-	-	-	-	1/Cygnus cygnus/ Winter swan	09.01.2017	11.01.2017	-
14	Case	Lilieci river	-	Hemeius	Bacau	-	-	-	-	2/Cygnus cygnus/Winter swan	10.01.2017	11.01.2017	-
15	Case	Câlnistea river	-	Naipu	Giurgiu	-	-	-	-	2/Cygnus olor/Summer swan	09.01.2017	11.01.2017	-
16	Case	Tomis Constanta touristic bay harbour area	-	Constanta	Constanta	-	-	-	-	2/Cygnus cygnus/Winter swan	12.01.2017	14.01.2017	-
17	Case	Area Berth 0 in aquatorium of Constanta Harbour	-	Constanta	Constanta	-	-	-	-	1/ Cygnus cygnus/Winter swan	12.01.2017	14.01.2017	-
18	Case	Mostiștea Lake	-	Sinești	Ialomita	-	-	-	-	1/ Cygnus cygnus/Winter swan	11.01.2017	14.01.2017	-



The cases of HPAI H5N8 in wild birds

- In 2016 - 2017 a total number of 21 cases was identified in 7 counties (Constanta, Teleorman, Tulcea, Iasi, Bacau, Giurgiu and Ialomita).
- 14 cases were identified in winter swans (*Cygnus Cygnus*), 2 cases in wild geese (*Anser erythropus*) and one case to cormorant (*Phalacrocorax carbo*).
- All the cases were found on the lakes, rivers or other aquatic environments and all of them were found dead (except for one).



The outbreaks of HPAI H5N8 in backyards

- In late December 2016 for Constanta county and in early January 2017 for Prahova county, 2 outbreaks of HPAI H5N8 were confirmed by the NRL. Both outbreaks have been notified and enforcement measures have been implemented according to Directive EC/94/2005, the national legislation and the operational manual for AI and Newcastle Disease.
- From the epidemiological inquiries, it resulted that the source of infection was that of wild birds and the affected species were hens, geese, ducks, game birds and turkeys.
- For both outbreaks there has been no movement of birds or products of avian origin before the infection and there have been no identified contact holdings.
- For both counties there is only one commercial establishment that is situated in the radius of 10 km of surveillance area (broilers establishment – Prahova county).



Tulcea county- in 3 km 1 locality; in 10 km -2 localities; total no. of birds -3416



Prahova county- in 3 km 4 localities; in 10 km - 45 localities; no. of birds in backyards- census on going; no. of broilers in commercial farm- 313.144