

COUNTRY REPORT Macedonia

Notice: The data and information should to be for the last ten years, with accent on updated information of the year 2007

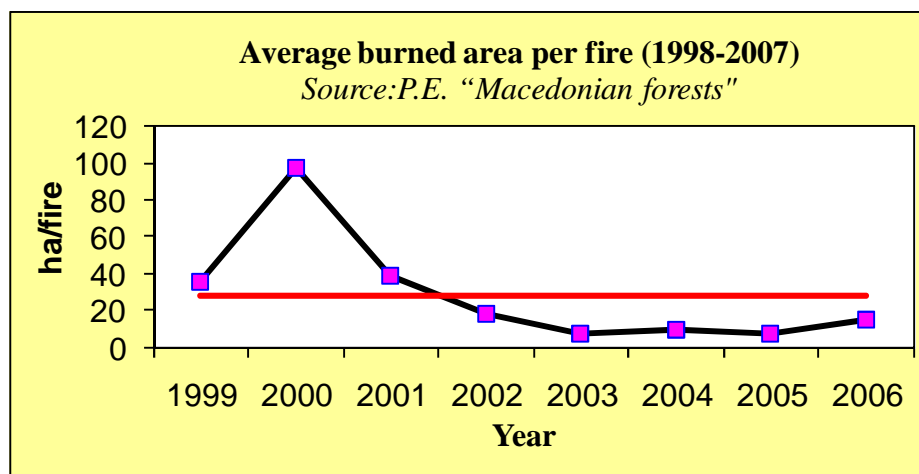
1. Assessment of fire situation in the country, including:

1.1 Extent: Number, area and types of forests and other vegetation affected by fire

Table 1

Year	Number of fires	Burned area (ha)	Burned timber mass (m3)	Suppression fees (euro)	Total fees (euro)
1999	69	2 414,80	1 950,0	32 512,00	372 921,00
2000	476	46 235,73	711 782,00	976 142,00	15 642 775,00
2001	161	6 263,30	88 260,00	66 810,81	9 851 849,00
2002	65	1 186,30	24 661,28	15 193,10	298 902,00
2003	144	1 068,88	10 987,00	44 607,87	251 527,00
2004	94	892,05	4 322,30	23 214,55	1 469 090,00
2005	182	1 368,00	1 063,00	42 018, 11	411 181,10
2006	138	2 085,95	12 978,00	45 311,20	2 437 914,46
2007	652	35 248,6	617 678,67	386 852,46	21 494 700,4
2008					
Total	1 329	61 515,01	856 003,58	1 245 809,56	30 736 159,56
Average	166	7 689,38	107 000,44	155 726,2	3 842 019,95

Source: P. E. "Macedonian forests"-Skopje (1999-2007)



-2007-
54,1 ha

1.2 Causes of wildfires, reasons or underlying causes of human-ignited fires

The most important causes of fires in the year 2007 were: burning of stable fields, burning of pasturelands and negligence-along to roads and railways. Special category is arson: due to illegal logging and politically motivated.

1.3 Description of selected extreme fires in 2007

- Bitola-23.07.2007-26.07.2007

In the period of 4 days were burned more than 5 000 ha of 45-50 years old pines aforestations. *Notice:* Very bad organization of the fire suppression action even few airplanes and helicopters and about thousand fire-fighters has been engaged in the action.

- Berovo-24.07.2007-28.07.2007

In the period of 5 days were burned about 1 500 ha of high quality natural pine forest.

Notice: The burned area has very high potential of soil erosion.

Reason of the fire-unofficially: arson (illegal logging)

1.4 Fire Damages in 2007 (social, economic and environmental)

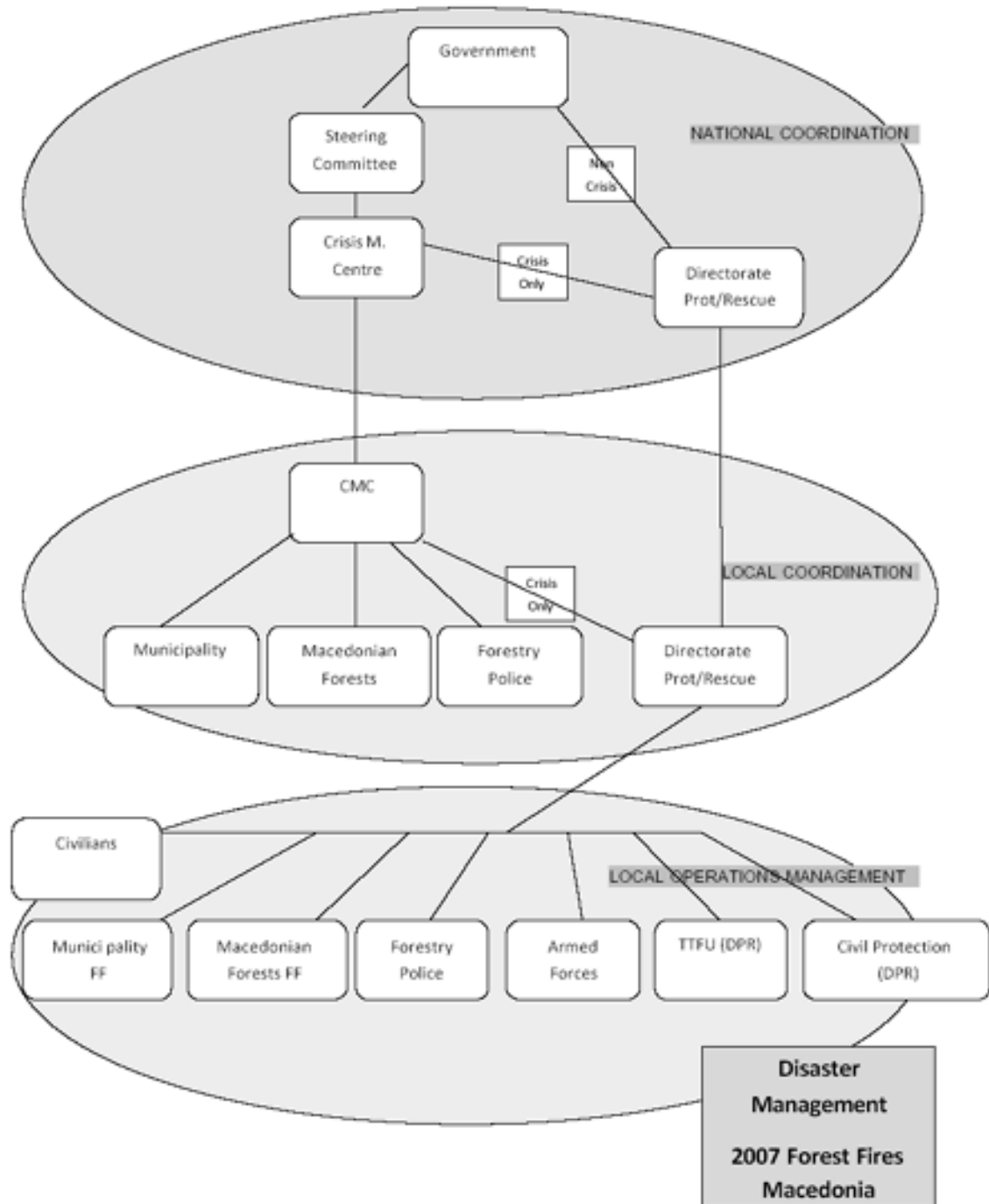
1.5 Fire prevention measures in 2007

On the beginning of the fire season TV spots and information's on the local radio stations were emitted and also information's in the newspapers regarding increased fire danger rating were published.

Except these measures, during the fire season, it was declared prohibition of any access in the forest for all citizens except foresters.

1.6 Response to fires in 2007 : Fire suppression

Crisis Management Structure at Local and National level



The structure of the Disaster Management (fire suppression) at Local and National level during forest fires in the year 2007 is showed on the previous chime. The main weakness of the organization was the lack of coordination and cooperation between CMC and DPR. The result of that was disorganisation during actions of

suppression and very low efficiency although were engaged big number of fire-fighters, airplanes and helicopters.
 It should be emphasised the lack of hand tools and all kind of equipment needed for fire suppression, especially the lack of special off road vehicles for initial attack.

Engaged trucks and machines in the period 18.07-05.08.2007

Source: CMC

Table 2

Data	Fire truck	Off road vehicles	Buldozers	Tanks
18.07	18	15	0	0
19.07	21	19	2	0
20.07	34	27	0	0
21.07	21	31	2	3
22.07	44	40	3	0
23.07	32	85	7	0
24.07	55	65	9	4
25.07	49	76	14	5
26.07	37	61	13	2
27.07	29	48	16	1
28.07	18	21	6	0
29.07	9	14	2	0
30.07	12	40	3	1
31.07	6	39	13	1
01.08	1	0	2	0
02.08	4	0	0	0
03.08	1	0	2	1
04.08	6	0	0	0
05.08	0	0	0	0

Engaged people resources in the period 18.07-05.08.2007

Source: CMC

Table 3

Data	DPR	ARM	Fire brigades	Public enterprises	P.E. Macedonian forests	Local population	Total
18.07	50	30	46	0	62	73	261
19.07	0	0	69	0	154	37	260
20.07	0	32	144	5	142	197	520
21.07	21	236	80	24	131	131	623
22.07	55	376	171	31	154	336	1.123
23.07	25	400	174	176	400	511	1.686
24.07	886	380	238	92	582	930	3.108
25.07	749	296	178	129	428	660	2.440
26.07	672	147	148	81	390	621	2.059
27.07	455	88	93	65	446	579	1.726
28.07	132	237	103	21	151	264	908
29.07	183	301	32	9	101	245	871
30.07	117	298	47	84	138	86	770
31.07	237	208	35	51	127	132	790
01.08	155	217	11	47	65	18	513
02.08	70	120	27	65	5	10	297
03.08	43	180	144	77	0	17	461
04.08	50	180	24	59	28	53	394
05.08	0	0	0	18	0	0	18

Engaged airplanes

Source:CMC

Table 4

	Tip of aircraft	Days
	In fire suppression	
1.	2 Helicopters Mi-17	9
2.	3 Airplanes AN-2	11
	For fire monitoring	
1.	Helicopter -Bel	7
2.	Airplane- Zlin 242 L	6

2. National cooperation in responding to the 2007 fires (inter-agency, involvement of civil society)

Please describe very briefly the involvement the following actors and partners:

2.1 Role / action of agencies at national and provincial level

2.2 Role / action of local communities

Generally, local population was included in the actions of fires suppression (see the table 3). But, it was very bad organized and without proper equipment and tools.

3. International cooperation

3.1 Receiving assistance

Receiving assistance

Source: CMC

Table 5

	Tip of aircraft	Provided assistance from	Days
1.	Kanadier CL 415	Croatia	3
2.	Kanadier 32	Turkey	6
3.	Helicopter –Bell 412	Slovenia	6
4.	Helicopter –UH 1D	Germany	6

3.2 Providing assistance

Although the situation in the Republic of Macedonia was extremely bad, tree fire trucks with crews were provided to help Greece. Unfortunately, due to political reasons, after 12 ours waiting on the Greek border the offered assistance was denied.

4. Analysis and recommendations

5. References / Sources

Acronym used

ARM – Army of the Republic of Macedonia

CMC – Crisis Management Centre

DPR – Direction for Protection and Rescue

MIA – Ministry of Internal Affairs