

Projected fire change 2000 - 2099

Unvetted preliminary rush draft from developmental code

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1 Projected fire change tables

1.1 Alaska

The third table down with percentages relates to table 8.1 in the original document. This uses strictly ALFRESCO output. The tables use years 2000 - 2009 and 2090 - 2099.

1.1.1 Historical fire

Climate-change scenario	Percentile	Ignitions	Area burned
SRES B1	50th	60	3092
SRES B1	95th	84	17088
SRES A1B	50th	59	3166
SRES A1B	95th	85	17688
SRES A2	50th	60	3254
SRES A2	95th	85	18117

1.1.2 Projected fire

Climate-change scenario	Percentile	Ignitions	Area burned
SRES B1	50th	55	4998
SRES B1	95th	83	25946
SRES A1B	50th	52	3300
SRES A1B	95th	81	23008
SRES A2	50th	52	2477
SRES A2	95th	76	12062

1.1.3 Percent change

Climate-change scenario	Percentile	Ignitions	Area burned
SRES B1	50th	-7.6	61.6
SRES B1	95th	-1.4	51.8
SRES A1B	50th	-11.9	4.2
SRES A1B	95th	-5.2	30.1
SRES A2	50th	-12.5	-23.9
SRES A2	95th	-10.5	-33.4

2 Percentile fire trends by scenario

The below graph relates to figure 8.2 in the original document. This uses strictly ALFRESCO output.

2.1 Alaska

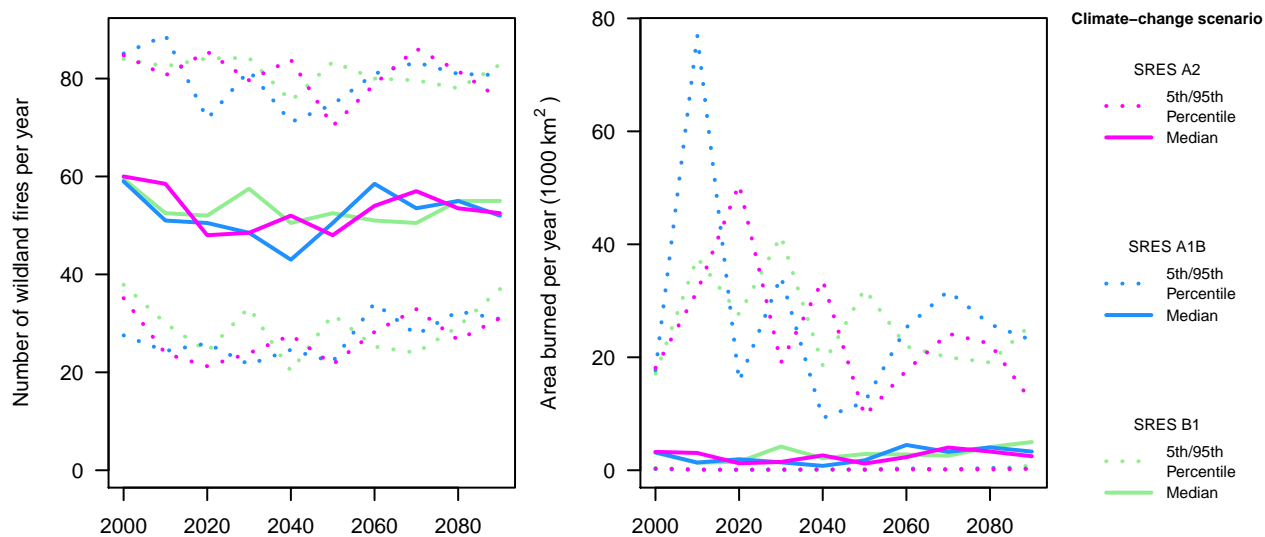


Figure 1: Alaska

All five following separate LCC graphs relate to figure 8.3 in the original document. This uses strictly ALFRESCO output.

2.2 Arctic

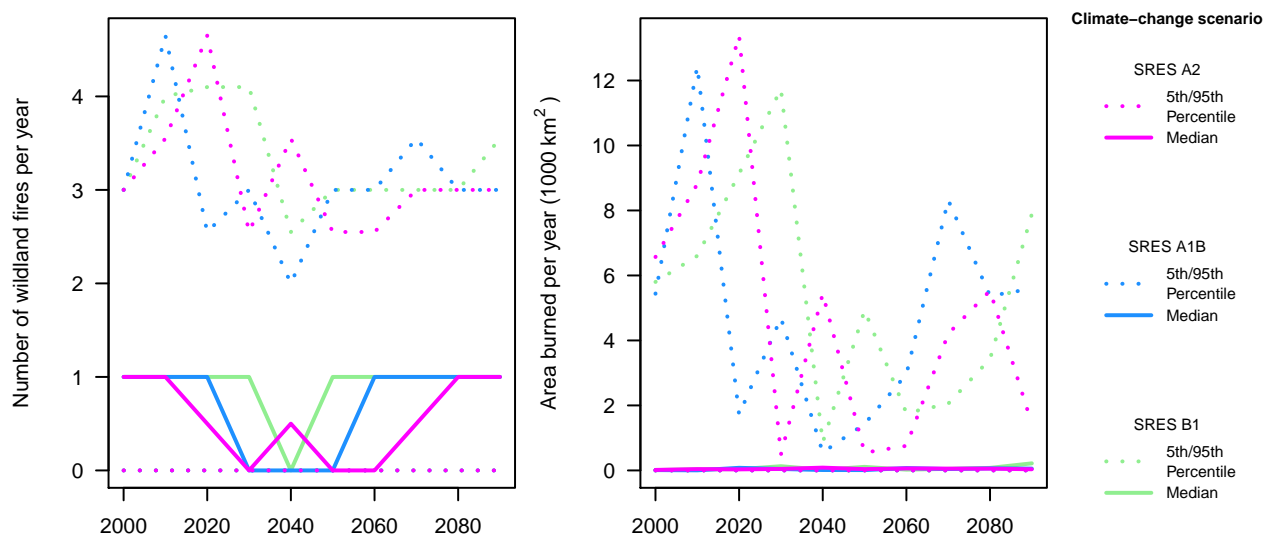


Figure 2: Arctic

2.3 North Pacific

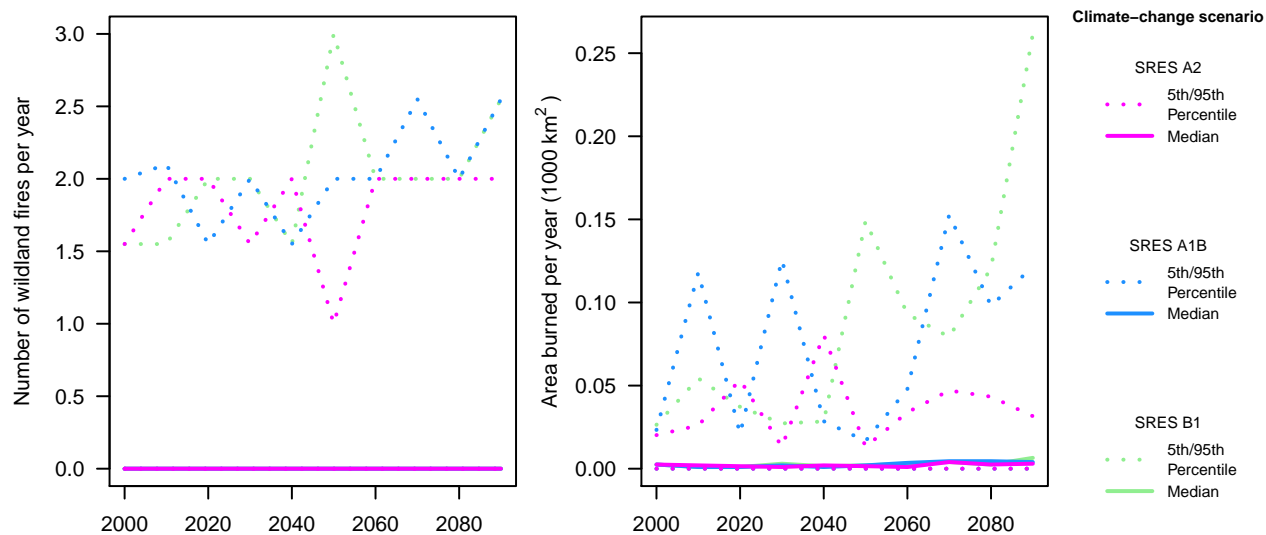


Figure 3: North Pacific

2.4 Northwest Interior Forest North

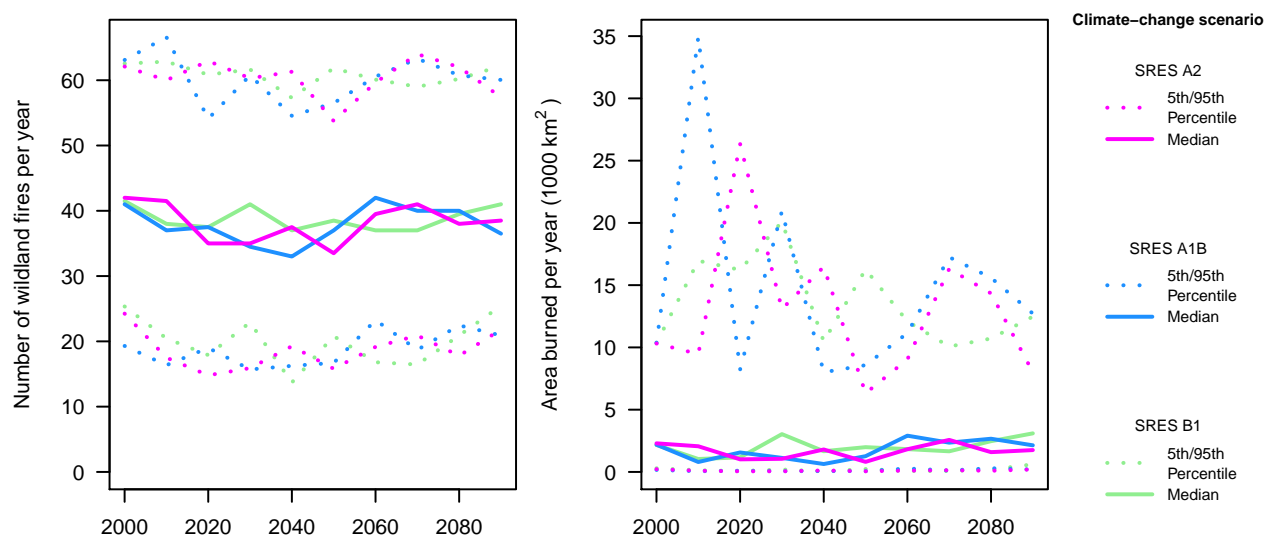


Figure 4: Northwest Interior Forest North

2.5 Northwest Interior Forest South

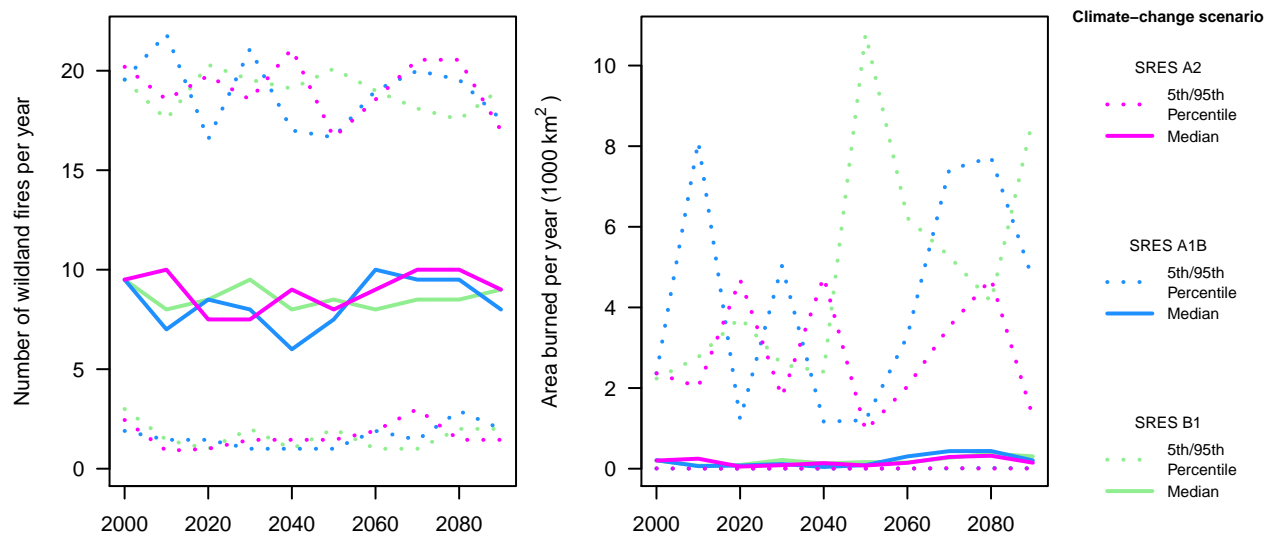


Figure 5: Northwest Interior Forest South

2.6 Western Alaska

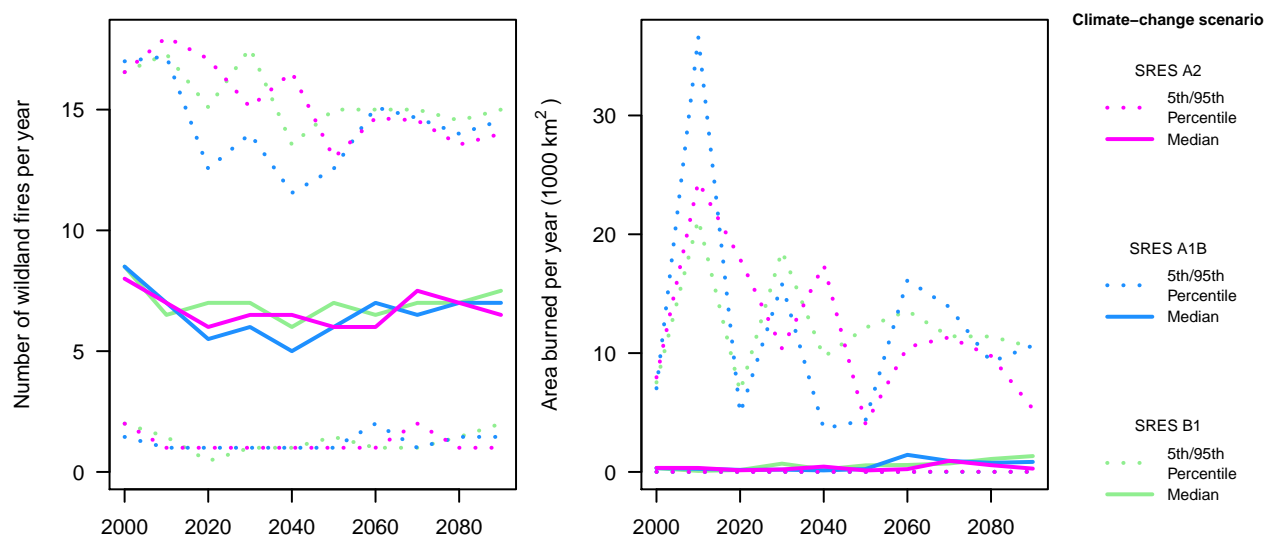


Figure 6: Western Alaska