

# 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	3398
SRES B1	95th	86	18131
SRES A1B	50th	59	3066
SRES A1B	95th	85	17486
SRES A2	50th	60	3242
SRES A2	95th	84	17962

#### 1.1.2 Projected fire

Climate-change scenario	Percentile	Ignitions	Area burned
SRES B1	50th	60	2929
SRES B1	95th	83	19079
SRES A1B	50th	62	5441
SRES A1B	95th	88	33039
SRES A2	50th	66	3465
SRES A2	95th	89	15350

#### 1.1.3 Percent change

Climate-change scenario	Percentile	Ignitions	Area burned
SRES B1	50th	0.8	-13.8
SRES B1	95th	-2.6	5.2
SRES A1B	50th	4.2	77.5
SRES A1B	95th	4.4	88.9
SRES A2	50th	9.2	6.9
SRES A2	95th	5.2	-14.5

## 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

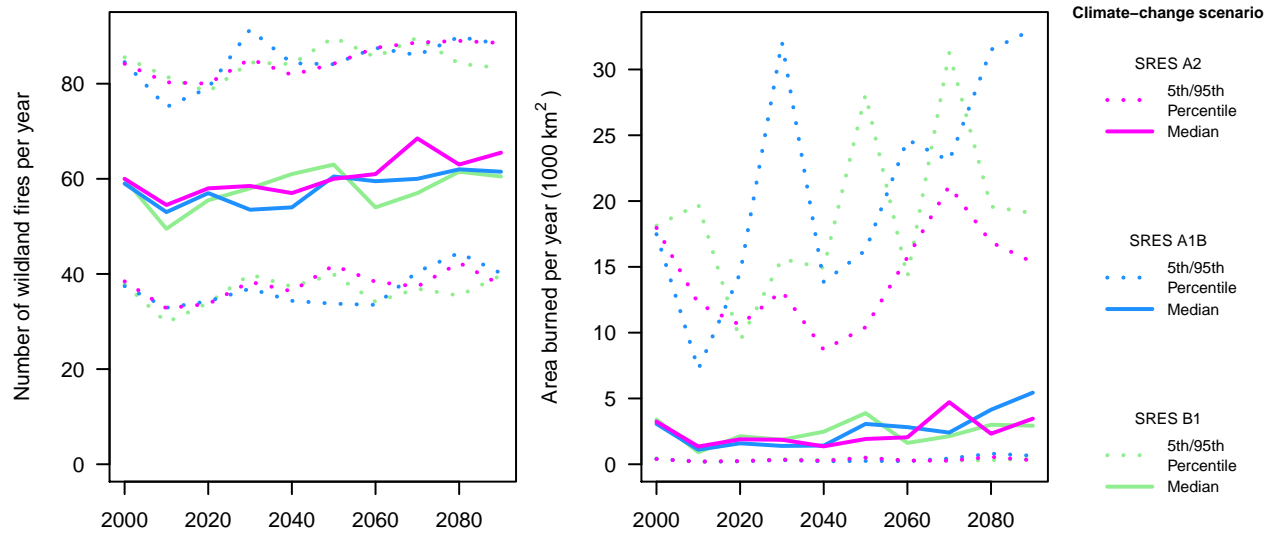


Figure 1: Alaska

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

### 2.2 Arctic

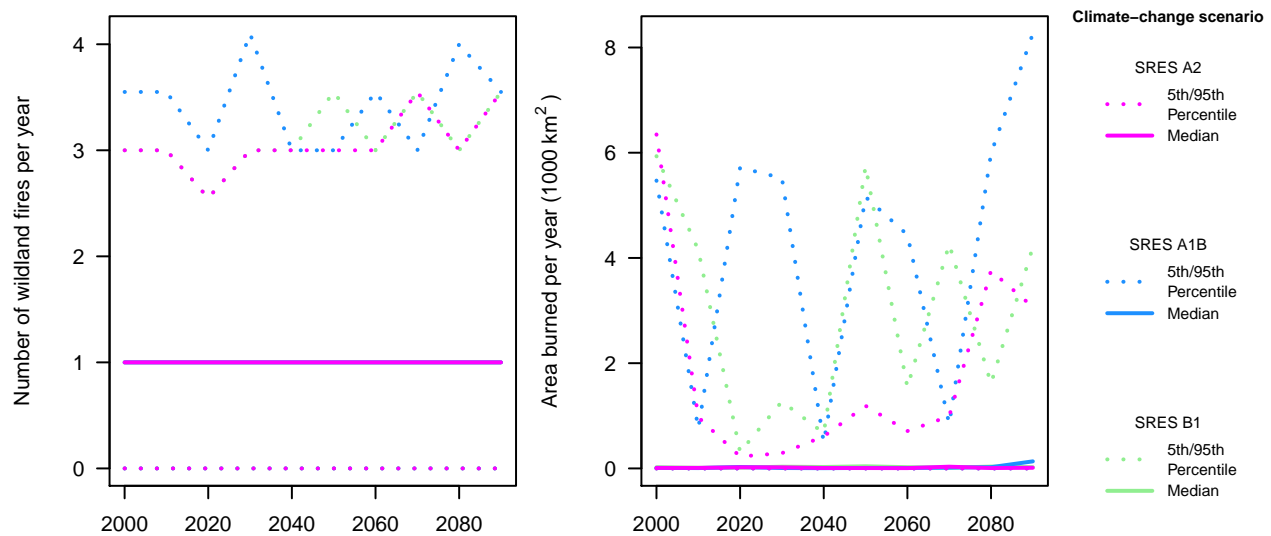


Figure 2: Arctic

## 2.3 North Pacific

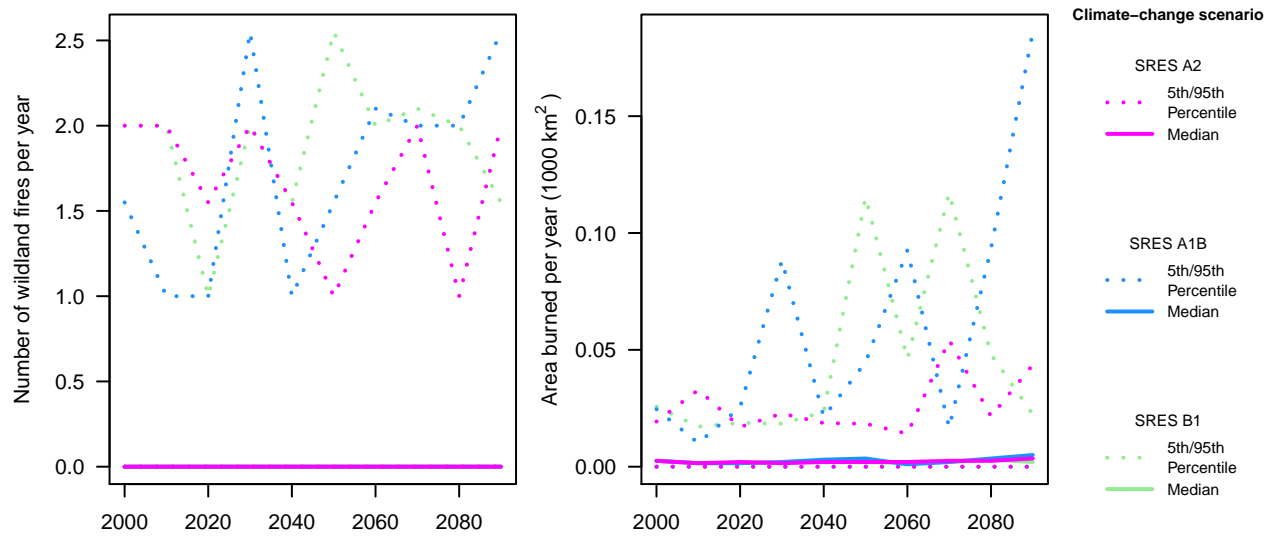


Figure 3: North Pacific

## 2.4 Northwest Interior Forest North

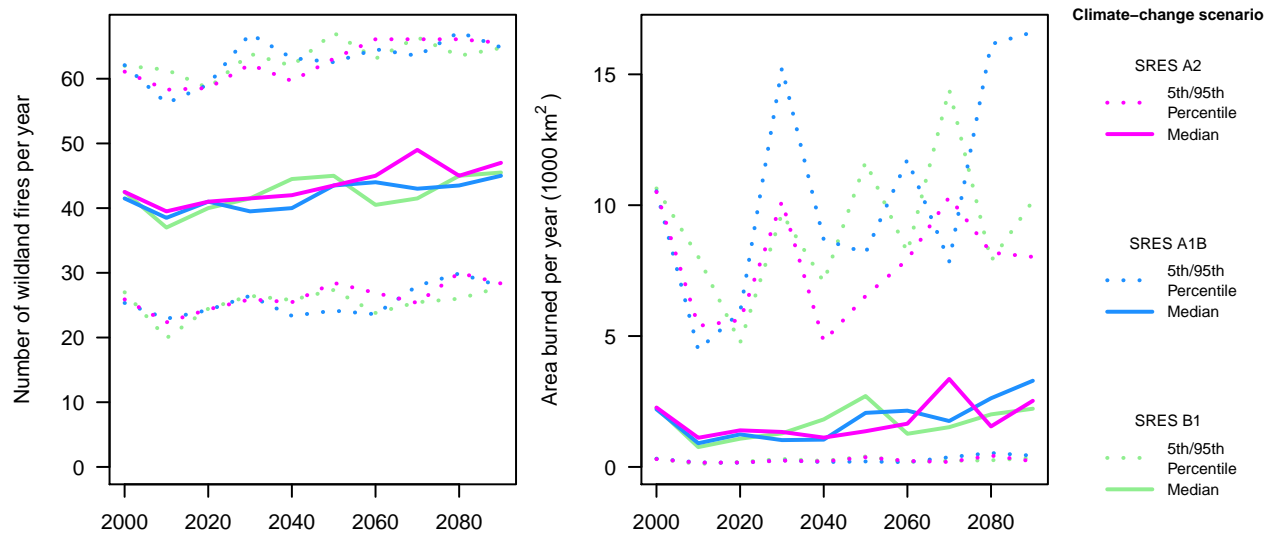


Figure 4: Northwest Interior Forest North

## 2.5 Northwest Interior Forest South

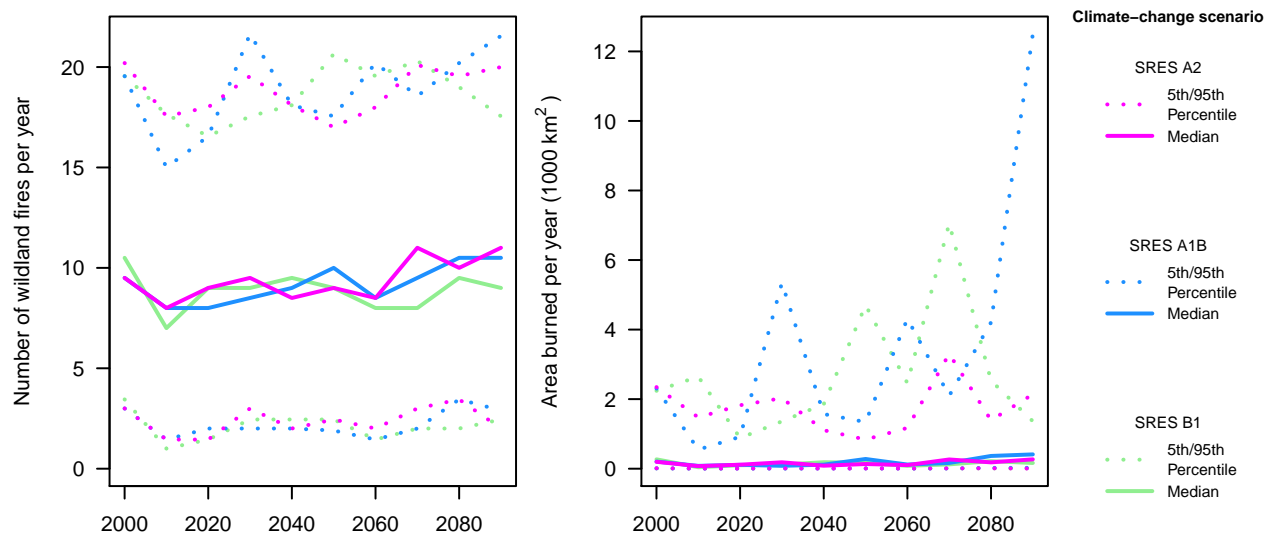


Figure 5: Northwest Interior Forest South

## 2.6 Western Alaska

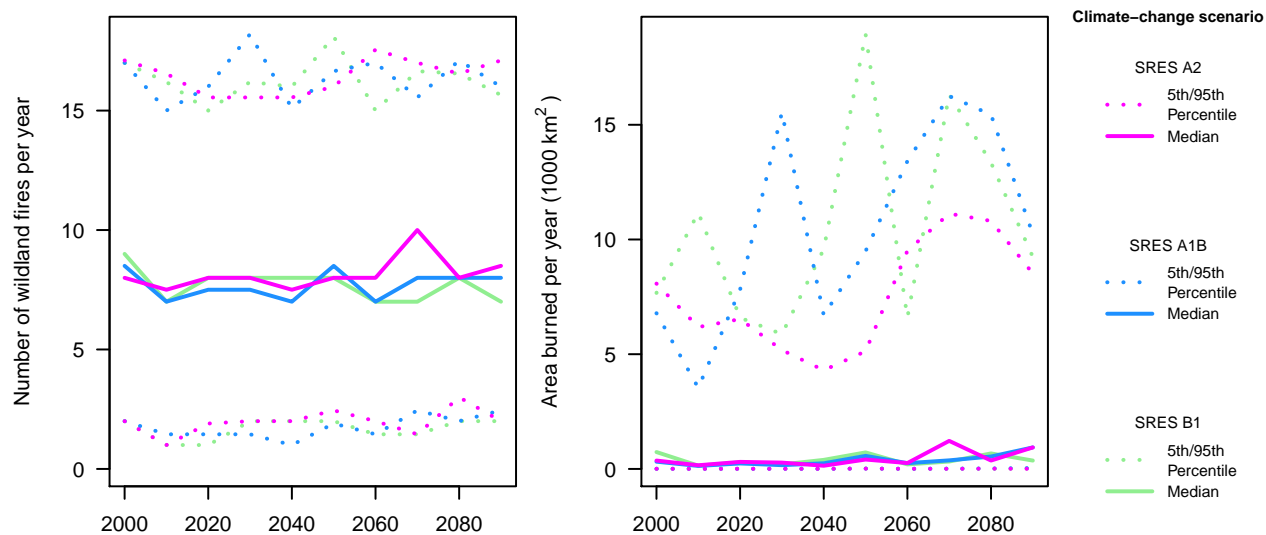


Figure 6: Western Alaska