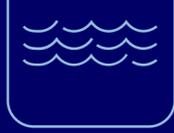


# The rise of extreme weather events



## What are extreme weather events?

Unexpected weather for specific locations and weather that is at the extremes of the range of past weather events, including:



**Record floods**



**Drought**



**Windstorms**

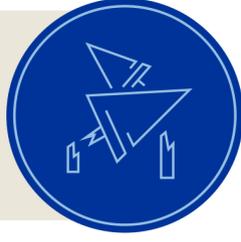


**Heat**



### USD \$250 - \$300 billion annually

Average amount of global economic losses from natural disasters such as earthquakes, floods and droughts.<sup>1</sup>



### USD \$3.58 billion

Estimated damages from the 2016 Fort McMurray Wildfire, making it the costliest natural disaster in Canada's history.<sup>2</sup>



### USD \$1.8 billion

Estimated damages from 2013 flooding in southern Alberta.<sup>3</sup>



### 20.3 cm

Amount the global average sea level has risen over the past century.<sup>4</sup>



### .3-1.2 meters

Projected sea level rise by 2100.<sup>5</sup>



## Things are heating up

2015 replaced 2014 as the warmest year on record.<sup>6</sup>

### 1.6° C

Increase in average temperature in Canada since 1948.<sup>7</sup>

### 30 cm

Amount of sea level rise in the Atlantic region in the past century.<sup>8</sup>



### 230 %

Rise in the number of flood disasters between the 1980s and the 2000s.<sup>9</sup>



### 9 out of 10

Number of companies that suffered weather-related impacts in the past three years.<sup>10</sup>

## 5 ways companies can attempt to build resilience to extreme weather risks

**A** ⇒ **D** ⇒ **A** ⇒ **P** ⇒ **T**

**Analyze the issues**

**Develop an internal strategy**

**Assess risks and opportunities**

**Prioritize actions**

**Tackle actions and evaluate progress<sup>11</sup>**

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