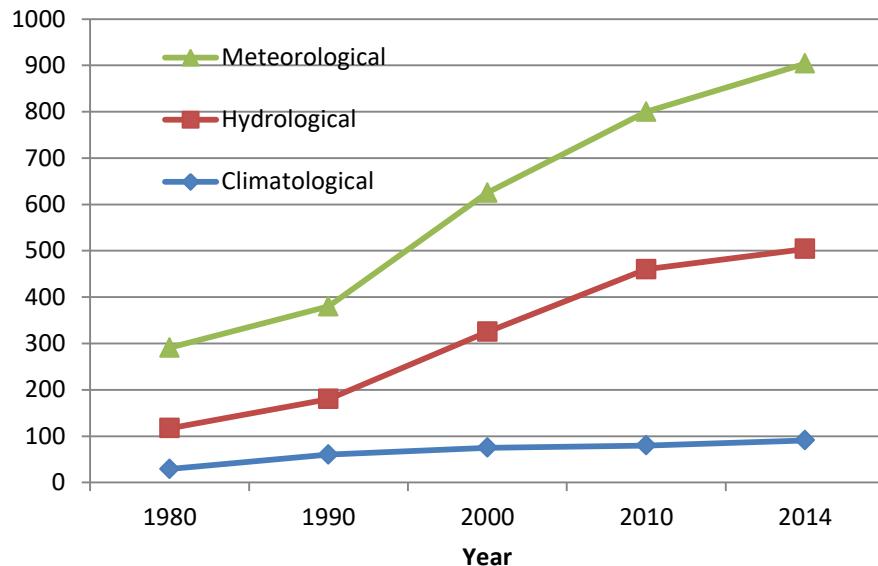


#### Activity 1.14 Adapting to a changing climate

Extremes in weather are becoming more frequent as our climate is changing. It will therefore be necessary to undertake actions to adapt to changes in climate because the high concentration of greenhouse gases in the upper atmosphere will continue to influence the climate even once global carbon emissions are reduced to zero.

##### Activity



This graph shows the increasing trend in all 3 extreme weather events. Such events can include –

- Flooding due to prolonged and heavy rainfall
- Longer periods without rain leading to drought conditions
- Increased intensity and frequency of tropical storms
- Excessive heat waves

What extreme weather events have occurred in your area and what damage was done?

What can be done to limit such future extremes?

If none have occurred in your area yet which event do you think is most likely and what can be done to minimise its impact?

##### Notes

Looking forward is as important as looking back. Communities which do not prepare for such events could really suffer. However it is always more effective to limit the impact of such occurrences locally by undertaking local actions.

Age range 10 – 16

Subjects geography