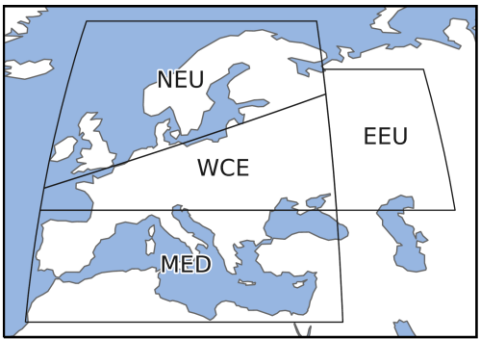
Northern Europe (NEU)

- Observed increase in pluvial flooding attributed to human influence and projected to further increase at global warming of 1.5°C (*medium confidence*) and 2°C and above (*high confidence*).
- Projected decrease in river flood at global warming of 2°C and above (*medium confidence*).
- Projected increase in severe wind storms at global warming of 2°C and above (*medium confidence*).

Western & Central Europe (WCE)

- Projected increase in pluvial flooding at global warming of 1.5°C (*medium confidence*) and 2°C and above (*high confidence*).
- Observed increasing trend in river flooding and projected further increase at 2°C and above of global warming (*high confidence*).
- Projected increases in hydrological, agricultural and ecological droughts at mid-century warming levels of 2°C or above, regardless of the greenhouse gas emissions scenario (*medium confidence*).



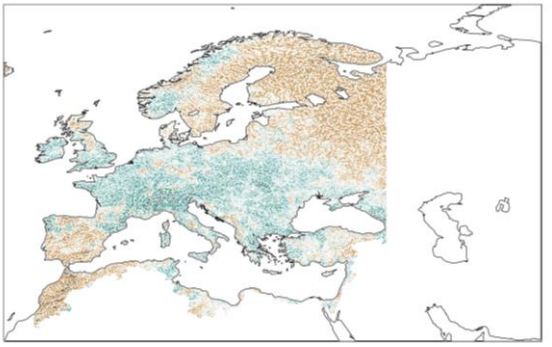
Eastern Europe (EEU)

- Projected increase in pluvial flooding at global warming of 1.5°C (*medium confidence*) and 2°C and above (*high confidence*).
- Projected decrease in river flood at global warming of 2°C and above (*medium confidence*).
- Projected increase in fire weather at global warming of 2°C and above (*medium confidence*).

Mediterranean (MED)

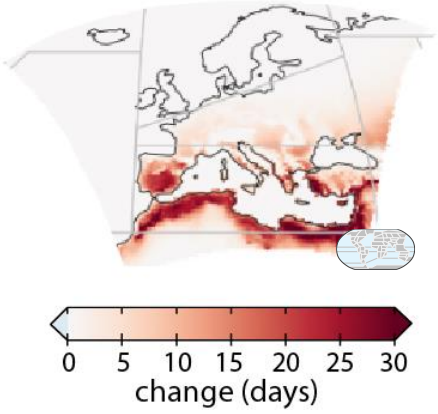
- Observed increase in hydrological and agricultural and ecological droughts (*medium confidence*), projected increase in aridity and fire weather conditions at global warming of 2°C and above (*high confidence*).
- Projected combination of climatic impact-driver changes (warming, temperature extremes, increase in droughts and aridity, precipitation decrease, increase in fire weather, mean and extreme sea levels, snow cover decrease, and wind speed decrease) by mid-century and at global warming of at least 2°C and above (*high confidence*).

Change in river discharge per unit catchment area corresponding to the return period of 100 years for the mid-21st century

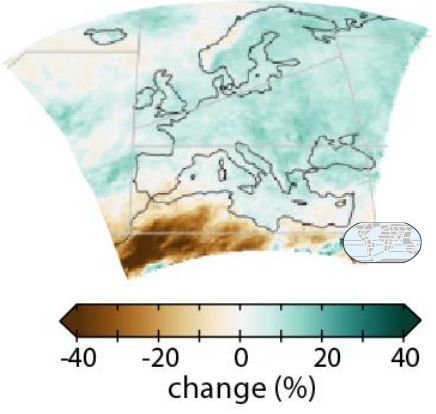


Projected changes for 2041–2060 relative to 1995–2014

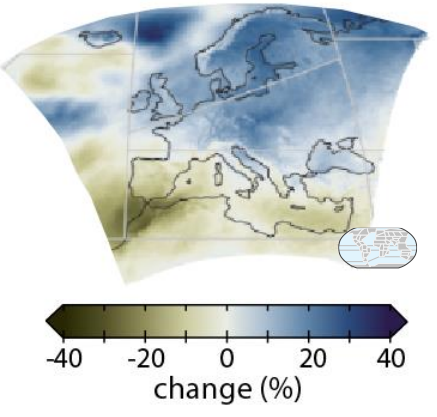
JJA Days with Daily Maximum Temperature above 35°C



DJF Maximum Annual 1-day precipitation (RX1day)



Standardized Precipitation Index (SPI-6) drought indicator



Links for further details:

Common Changes: TS.4.3.1, TS.4.3.2.5, 11.3.4, 11.9, 12.4.5, Atlas.8.2, Atlas.8.4

Sub-regions: TS.4.3.2.5, 11.9, Tables 11.16–18, 12.4.5, Atlas.8.2, Atlas.8.4