

Supporting policy through research

Anne Marte Bergseng

Adaptation Research Manager, ClimateXChange



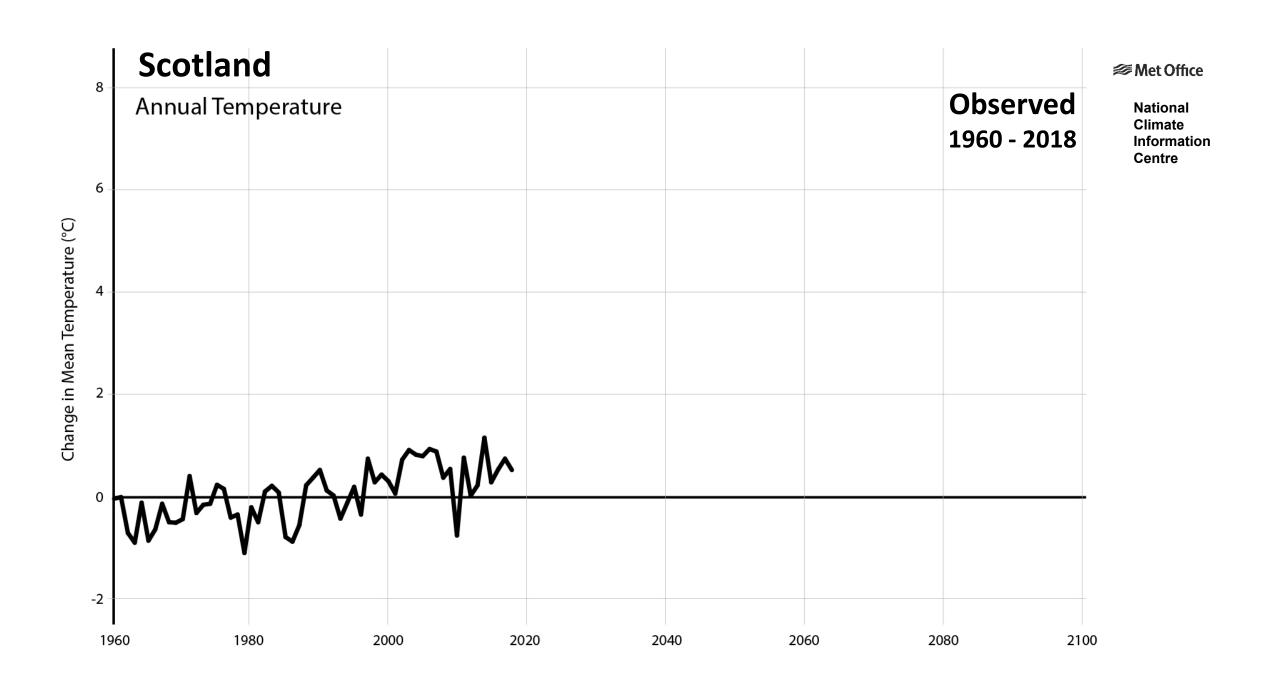
Scotland's centre of expertise connecting climate change research and policy

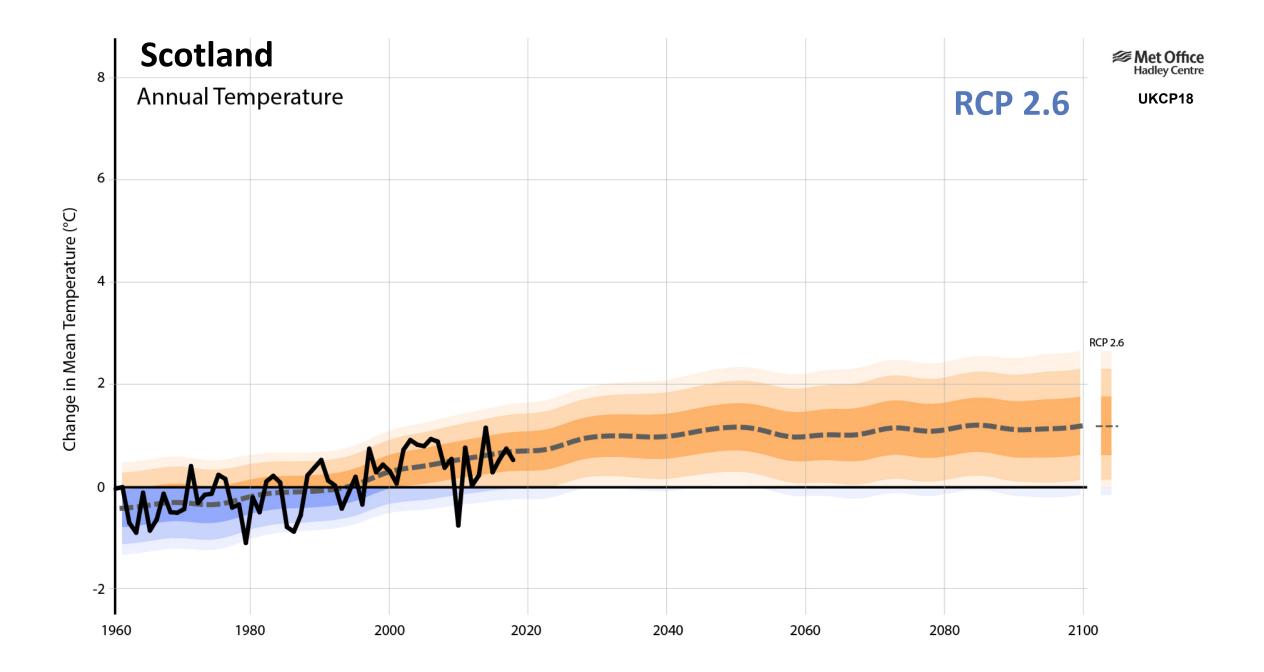


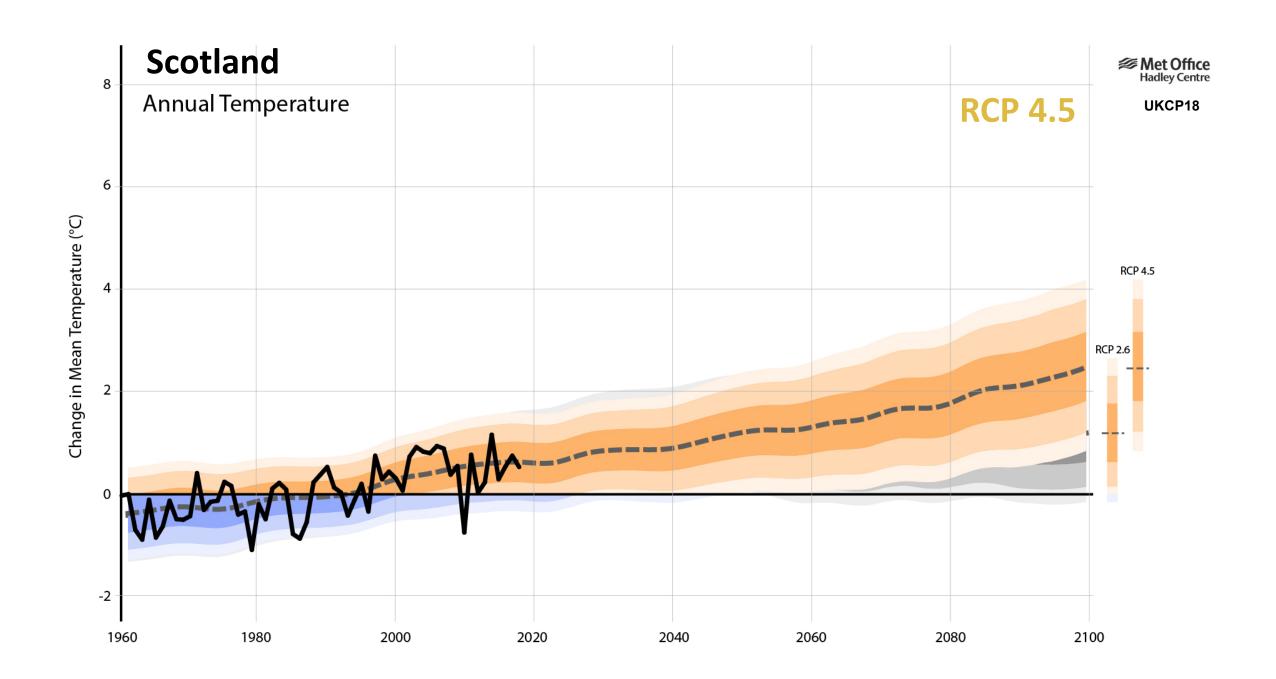
What can we expect?

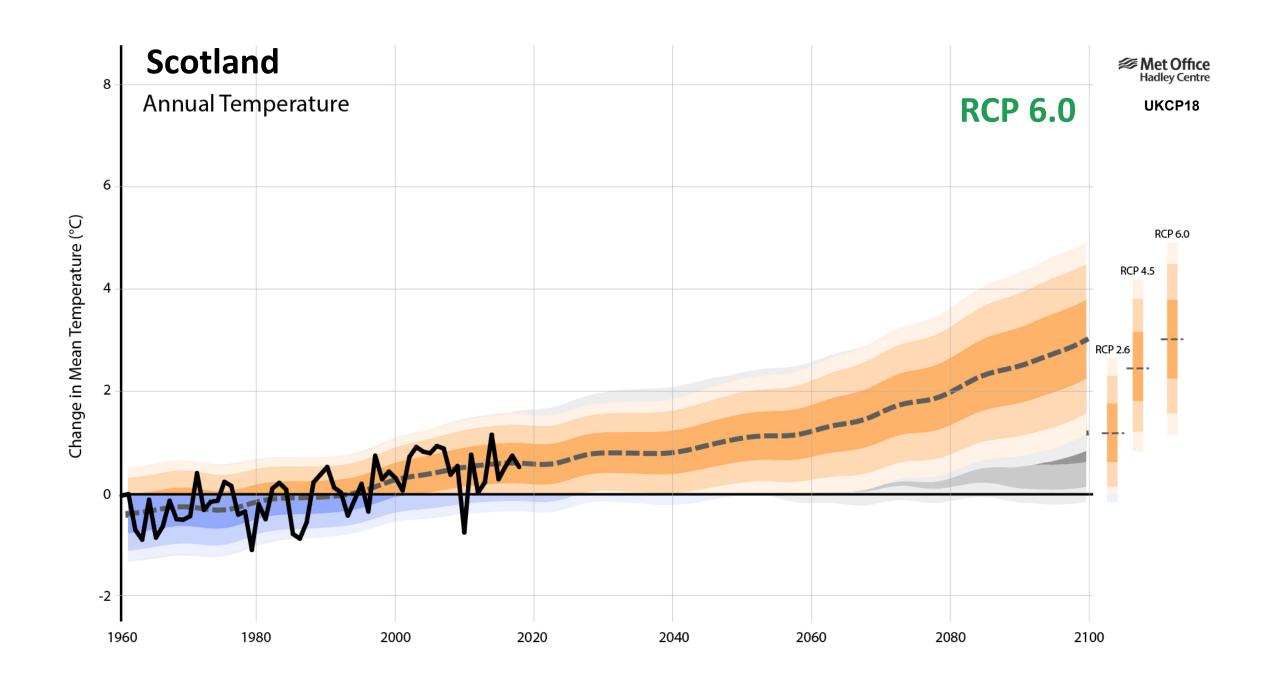
- Warmer all season, but particularly in summer
- More frequent summer heatwaves
- Increase in average autumn and winter rainfall
- More frequent heavy rain in autumn, winter and spring
- Less snow in coastal areas
- Longer growing seasons
- Sea level rise



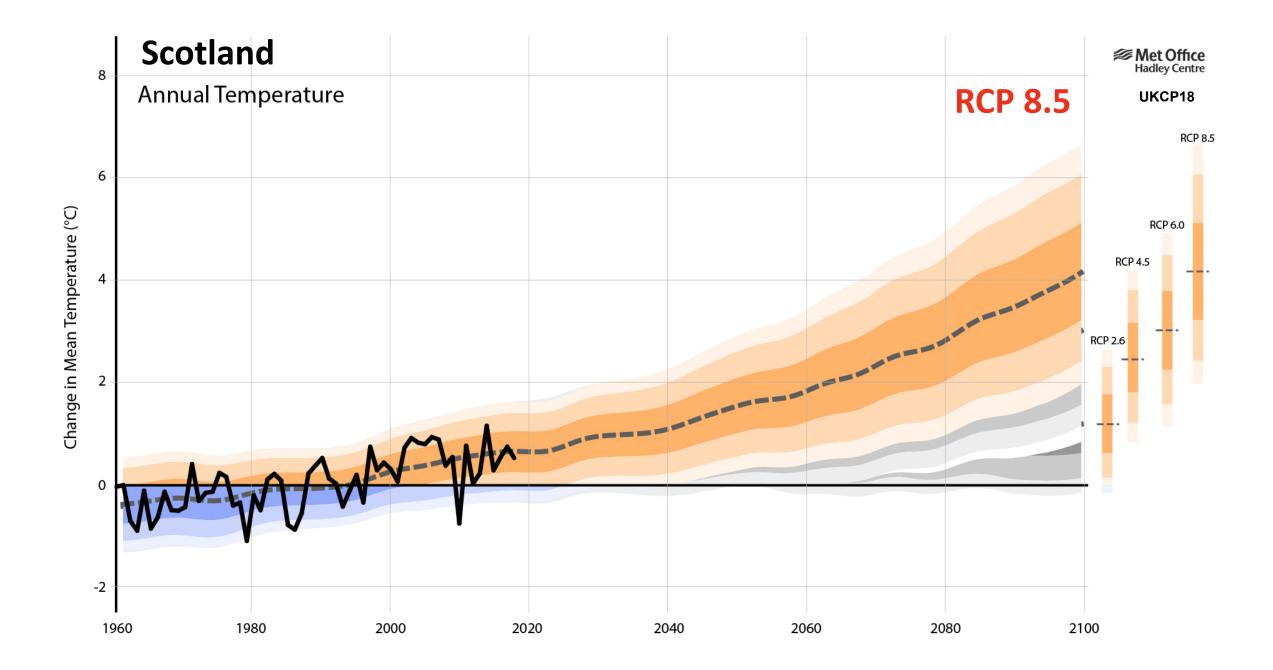




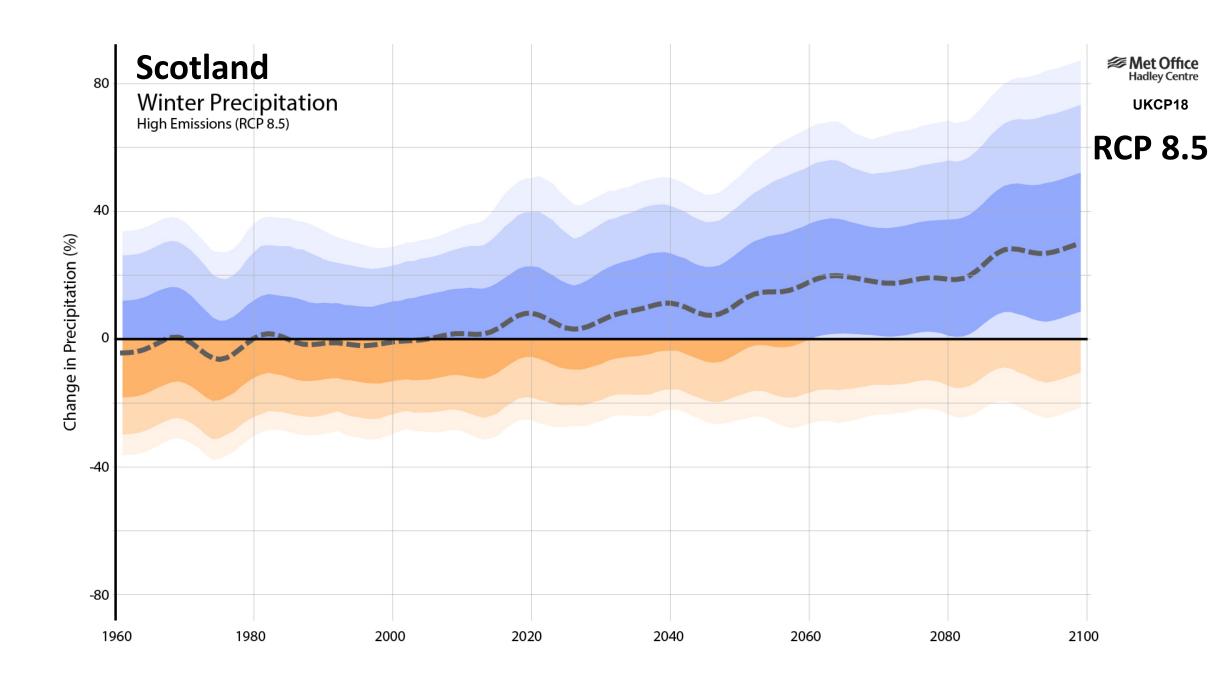




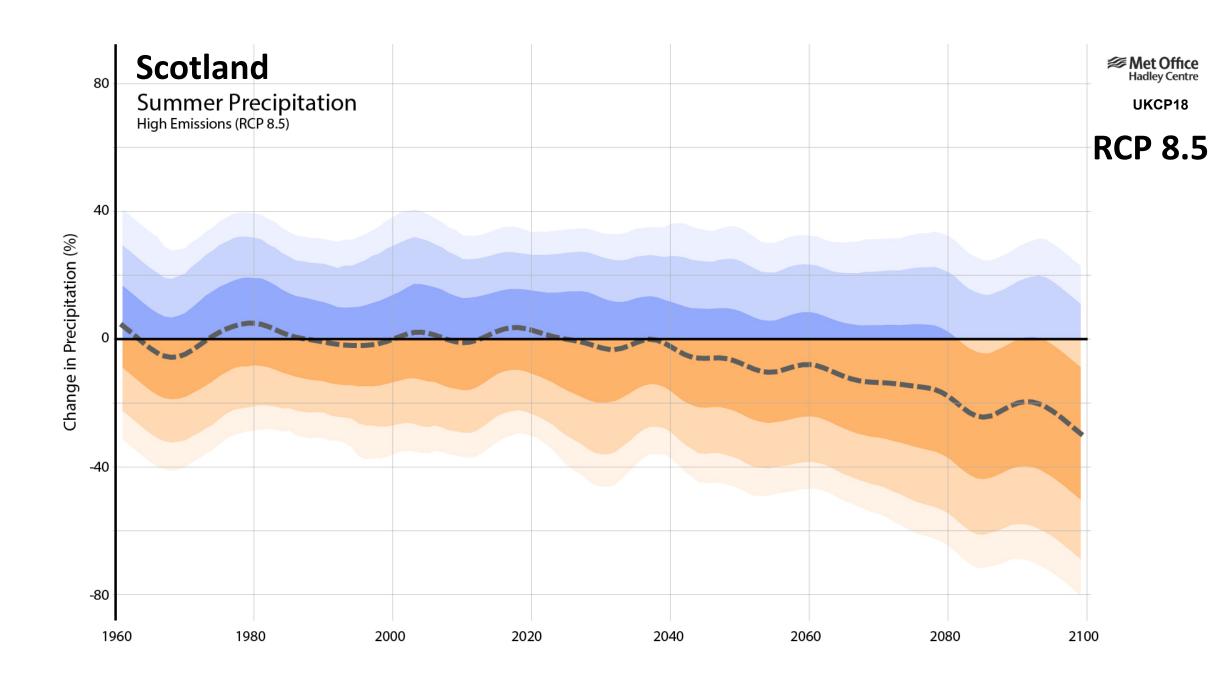


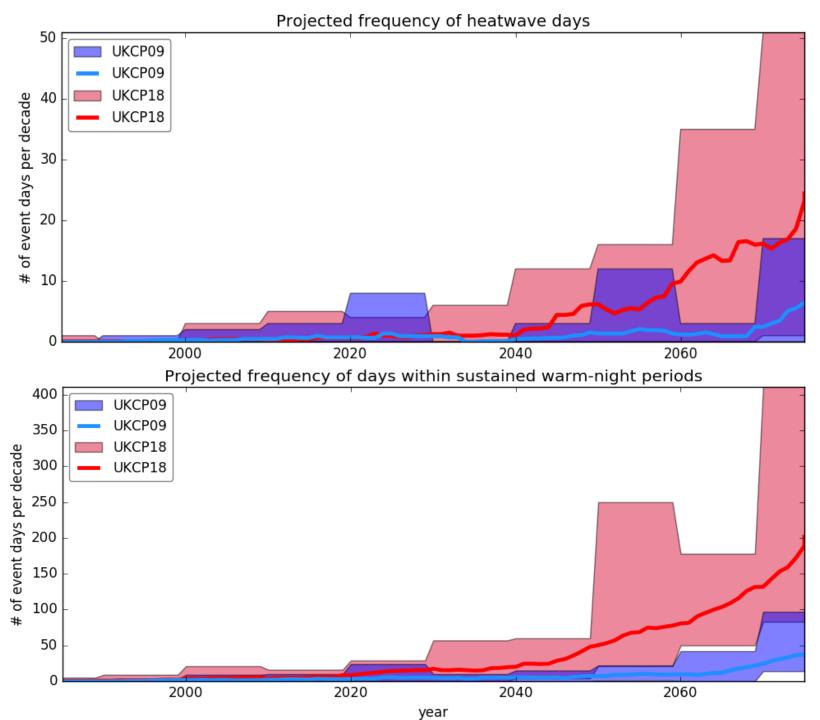












Sabine Undorf et al, University of Edinburgh, 2019

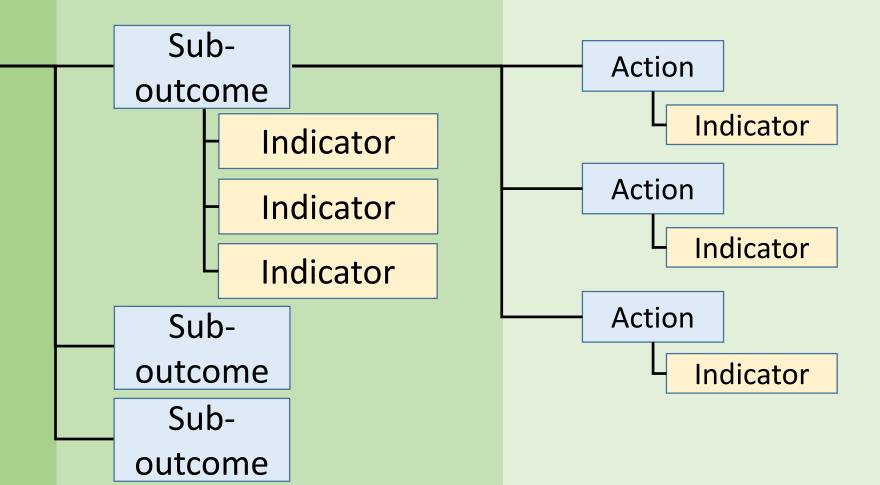
https://www.climatexchange.org.uk/blog/



Outcome



 Monitor key element to link to the NPF and SDGs



 Evaluate progress and the contribution of adaptation measures to that progress Evaluate the contribution of adaptation measures to that progress

Is it working? What are we doing?



RISK

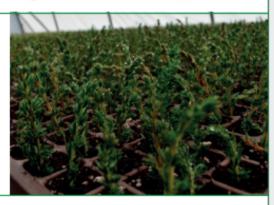
41% of larch in the National Forest Estate lies within *Pr* Risk Zone 1 (**NF8**)



ACTION

236 Statutory Plant Health Notices for *Pr* were issued during 2010 – 2015 (**NF11**)

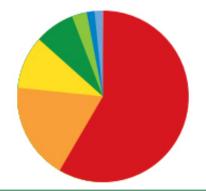
No change in diversity of conifers ordered for planting; small increase in novel species (NF4)



IMPACT

Pr is concentrated in Dumfries & Galloway where up to 6000ha of larch is infected (**NF10**)





Small increase in diversity of planted forest tree species over last 20 years (NF5)





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This report collates the current state of confident knowledge for Scotland - what we know, what we don't know and what is under active debate.





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Delivering adaptation in housing policy

Three case studies illustrating how climate change adaptation can help achieve housing policy outcome.

Resilient places



The role of the scientist is not to decide between the possibilities but to determine what the possibilities are.

Lord May, 1990

Former Chief Scientific Adviser to the UK Government

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