The impacts of climate change are already evident both in the UK and worldwide, through changes in extreme weather, diminishing snow and ice and rising sea levels. The Paris Agreement in December 2015 marked a turning point in climate negotiations with 195 governments agreeing to take global action to tackle climate change. As a result, the focus of climate science research at the Met Office has changed to reflect these changing drivers: moving from proving that climate change is happening to understanding the nature of the change. Robust, impartial and targeted climate science is needed to manage the risks of climate change, including developing strategies for lowering greenhouse gas emissions and preparing for the changes to our climate which are unavoidable.