

# How to choose the most appropriate land projection



See [What do you want to do?](#) on UKCP18 website

See [Key results](#) on UKCP18 website

Select strand(s) of land projections based on task

Task	Probabilistic	Global (60km)	Regional (12km)	Local (2.2km)	Derived
<b>Assess broadest range of future outcomes from UKCP18</b>	•				
<b>Stress-test results</b>		•	•	•	•
<b>UK-Focus</b>					
Compare UKCP09 with UKCP18	•				
Scenario: Assess across all RCPs in AR5	•				
Scenario: Assess across high and low emissions	•	•+			•+
Scenario: Assess for high emissions only	•	•	•	•	
Scenario: Assess 2°C or 4°C world					•
Time: Analyse monthly and longer time-steps	•	•	•	•	•
Time: Analyse daily and longer time steps		•	•	•	•
Time: Analyse sub-daily and longer time steps				•	
<b>International-Focus</b>					
Assess (imported) risks across Europe		•	•		
Assess (imported) risks across the globe		•	•		
Assess at multiple locations where spatial coherence is important		•	•	•	•
Analyse large scale drivers of climate and weather		•	•		
Assessments where local-scale effects important for climate			•	•	
Assess daily rainfall extremes in the summer				•	
Assessments where sub-daily information is required				•	
Develop storylines of climate drivers to local impact		•	•	•	•
Assess daily rainfall extremes in the summer				•	
Assessments where subdaily information is required				•	

+ To assess RCP8.5 and RCP2.6 both Global and Derived Projections are required.



Place in context of probabilistic  
Consider evaluating model output for your application

Consider bias-correction. See [How to Bias Correct](#).

Carry out your analysis. See [demonstration projects](#).