How to choose the most appropriate land projection

New to climate projections?

See **What do you want to do?** on UKCP18 website

Looking for headline messages?

See **Key Results** on UKCP18 website

Carrying out detailed analysis?

Select land projection(s) based on task

Task \ Projections	Probabilistic	Global	Regional-12km	Regional-2.2km	Derived
Assess broadest range of future outcomes from UKCP18	●				
Stress-test results		●	●	●	●
UK-Focus					
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				●	
International-Focus					
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			●	●	
Develop storylines of climate drivers to local impact		●	●	●	●

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

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

Consider bias-correction. See UKCP18 Guidance: How to Bias Correct

Carry out your analysis
See Demonstration Project leaflets