

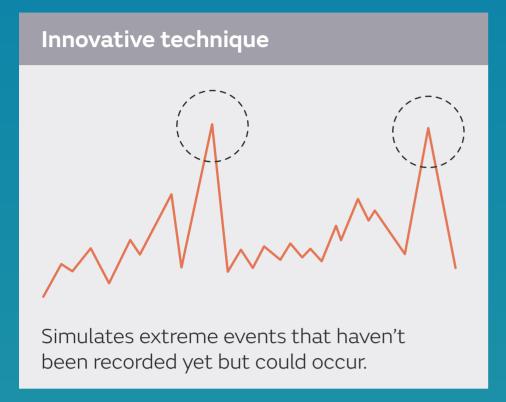


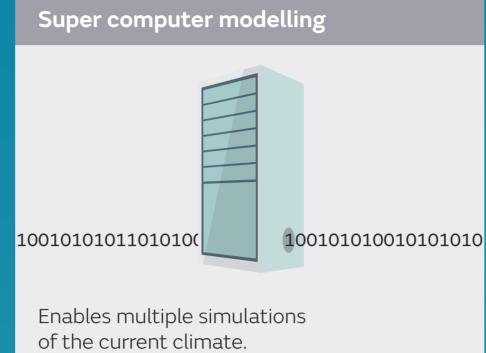


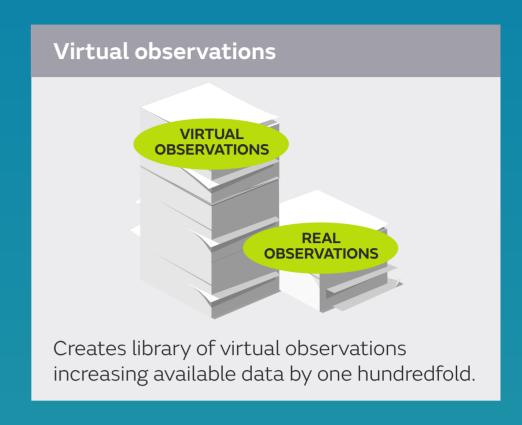


Assessing China's risk to climate related extremes

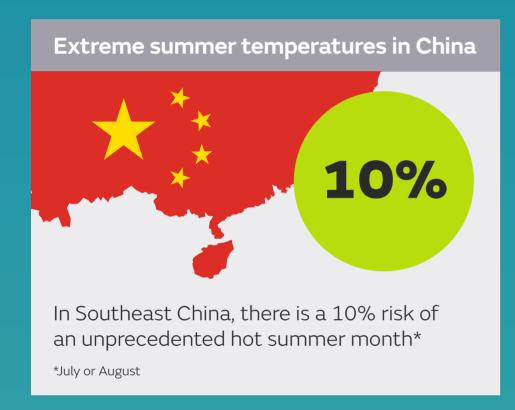
What is UNSEEN (UNprecedented Simulation of Extremes with ENsembles)?

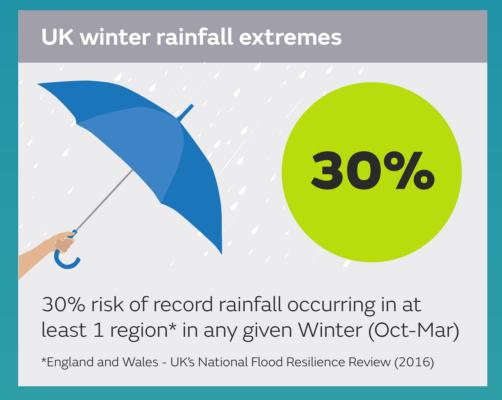






What does UNSEEN tell us?

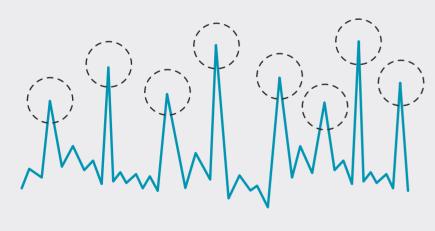






How can UNSEEN benefit decision makers and global populations?

Understanding risk of extreme events



Improves knowledge of extremes. Events of a higher magnitude than experienced are possible under the current climate.

Building climate resilience



Anticipating high-impact events enables estimation of risks and forward planning.

Global food security



Understanding risk of simultaneous crop failure which would result in supply falling and prices rising.

UNSEEN - UNprecedented Simulation of Extremes with ENsembles – is a technique developed as part of the Climate Science for Service Partnership (CSSP) China. The technique has since been used to simulate high-impact events in China, UK and globally. This includes through the Strategic Priorities Fund UK Climate Resilience programme and new work within the UK aid-funded Asia Regional Resilience to a Changing Climate (ARRCC) programme.





CSSP China is part of the Weather and Climate Science for Service Partnership Programme, supported by the UK-China Research and Innovation Partnership Fund as part of the Newton Fund.







