

Understanding the risks of climate change to human and national security

Climate change has been identified as one of the most serious threats to national security around the world, as it puts pressure on populations, economies, livelihoods and natural resources. The Turing's defence and security programme is undertaking a project [exploring the implications and risks of climate change to human and national security](#).

The report, '[Climate aware and resilient national security: challenges for the 21st century](#)', details initial research in this area. Written by a cross-disciplinary panel of experts, researchers have analysed interactions between societal, economic and environmental factors affecting instability and conflict resulting from climate change.

The report provides a background of the risks that climate change poses to the UK's security, providing evidence based on recent events, and future expectations. The research illustrates opportunities for the UK to develop more sophisticated and useful data-driven forecasting and strategic insight tools and methods. These could help identify and measure climate risks, provide early warnings for climate security-related tipping points and help policy makers carry out climate security risk assessments.

Report author Eirini Malliaraki said: "Climate change is one of the most serious threats to security globally. Being able to pinpoint and measure climate security risks is essential to help identify where resilience needs to be built in or safeguarded."



"This research demonstrates the modelling and data requirements needed to show future potential climate-security tipping points."

Eirini Malliaraki

'Climate aware and resilient national security: challenges for the 21st century' report author