

- ○ Local Centre Meetings ^[1]
- Yorkshire Local Centre ^[2]

Date: Wednesday 23
September 2020

Time: 19:00 - 20:00

Location:
Email:

yorkshire@rmets.org ^[3]

Title | The North Atlantic jet stream, Greenland blocking and climate change effects on UK extreme weather

Speaker | Professor Edward Hanna, School of Geography, University of Lincoln

Abstract | There has been a significant increase in types of extreme weather over the UK and other northern mid-latitudes. These extreme events are closely related to recently-observed shifts in the jet stream over the North Atlantic. Changes may well have been driven by the major reduction in Arctic sea-ice cover and amplified warming in high northern latitudes over the last 10-20 years. However, some aspects remain poorly understood.

In this talk we explored the influence of the North Atlantic jet stream and Greenland high

pressure blocking on UK extreme weather. We also examined recent work that aims to improve seasonal predictions of North Atlantic atmospheric circulation changes and UK regional weather.

Source URL:<https://accsys.rmets.org/events/virtual-meeting-north-atlantic-jet-stream-greenland-blocking-and-climate-change-effects#comment-0>

Links

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