

- ○ Local Centre Meetings <sup>[1]</sup>
- Local Centre Meetings <sup>[1]</sup>
- North East Local Centre <sup>[2]</sup>

**Date:** Friday 11 October 2019

**Time:** 19:45 - 21:00

**Location:**

**Email:**

[northeast@rmets.org](mailto:northeast@rmets.org) <sup>[3]</sup>

**SPEAKER** | Dr. Anna Hogg,  
University of Leeds

**ABSTRACT** | Satellite Earth observation has revolutionized our understanding of the remote Polar regions. Without this resource we would have a less complete understanding of which regions are changing, the timing and pace at which events occur, and what physical mechanisms are responsible for driving change. In Antarctica, satellite data has been vital for revealing the continent-wide pattern of ice flow; for uncovering dynamic imbalance and the associated large sea level contribution of the West Antarctic Ice Sheet; for mapping the growth and decay of sea ice extent; and for measuring the recovery of the Ozone hole. These advances are noteworthy, but are just a fraction of the key

findings that would not have been made without the availability of satellite data.

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**Links**

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