

- ○ Special Interest Groups <sup>[1]</sup>
- Data Assimilation <sup>[2]</sup>

**Date:** Wednesday 25  
September 2019

**Time:** 12:30 - 16:50

**Location:**

University of Exeter  
Streatham Drive  
Exeter  
Devon  
EX4 4QR  
United Kingdom

**Email:**

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

To provide forecasts at the convective scale it is necessary to assimilate high-resolution observations that capture small-scale meteorological phenomena. Every year approximately £2 billion is spent acquiring observational data, yet only about 5% of these data are used to initiate a forecast; in addition there are inexpensive large datasets of opportunity that could be utilized.

This meeting will provide insight on how to improve the use of the current plethora of high-resolution observations and look to future assimilation of big data.

**Links**

[1] <https://accsys.rmets.org/about-us/special-interest-groups> [2] <https://accsys.rmets.org/about-us/special-interest-groups/data-assimilation-special-interest-group> [3] <mailto:dataassimilation@rmets.org>