



## **GAIA-CLIM: Improving the utility of the non-space segment to characterize satellite measurements**

Peter Thorne (1), Anna Mikalsen (2), Fabio Madonna (3), Karin Kreher (4), Tijn Verhoelst (5), Jean-Christopher Lambert (5), Bill Bell (6), Joerg Schulz (7), Martine De Maziere (5), Richard Davy (2), and Corinne Voces (1)

(1) Maynooth University, Irish Climate Analysis and Research Units, Geography, Maynooth, Ireland (peter.thorne@nuim.ie), (2) Nansen Environmental and Remote Sensing Centre, Bergen, Norway, (3) CNR, Potenza, Italy, (4) BK Scientific, Mainz, Germany, (5) BIRA-IASB, Brussels, Belgium, (6) Met Office, Exeter, UK, (7) EUMETSAT, Darmstadt, Germany

The Horizon 2020 project GAIA-CLIM aims to improve our ability to utilize non-satellite measurements to characterize satellite measurements. This presentation shall highlight some of the key innovations under the project with a focus on the current state of the development of end-user tools. Users will access the tools through a web-based 'virtual observatory' feature and the main aspects of this shall be outlined. Further practical demonstrations can be given during breaks. The project shall also arise some recommendations for further work arising from the gaps assessment and impacts process. Further details on this can be found at <http://www.gaia-clim.eu/page/gap-reference-list>. The current proposed set of recommendations shall be briefly outlined.