



# Verification in complex terrain

## - Spatial Verification Methods and NWP Model Performance - (MesoVICT - Final workshop)

8-9 July, 2019, Vienna, Austria  
Second Announcement  
Call for abstracts

Complex terrain raises not only specific challenges to NWP model performance but also on spatial verification methods. For the latter the Mesoscale Verification Inter-Comparison over Complex Terrain (MesoVICT) project has been initiated a couple of years ago under the auspices of the WMO Joint Working Group on Forecast Verification Research (JWGFVR) to further explore new verification methods.

MesoVICT can be regarded as the second phase of the spatial forecast verification methods inter-comparison project (ICP, <http://www.ral.ucar.edu/projects/icp>).

The aims of MesoVICT can be summarised as follows:

- To investigate the ability of existing or newly developed spatial verification methods to verify fields other than deterministic precipitation forecasts, e.g., wind forecasts and ensemble forecasts.
- To demonstrate the capability of spatial verification methods over complex terrain, and gain an understanding of the issues that arise from this more challenging situation.
- To encourage community participation in the development and improvement of spatial verification methods, especially for evaluating high resolution numerical forecasts.
- To provide a community testbed where common data sets are available, but also for the sharing of data and code to assist in developing and testing spatial verification methods.

More information about MesoVICT is available in BAMS paper:  
<https://journals.ametsoc.org/doi/abs/10.1175/BAMS-D-17-0164.1>

With this second announcement we cordially invite you to submit an abstract (max. 400 words, abstract submission opens on 15 March) for an oral or poster presentation. All contributions are welcome which describe aspects of or raise new questions on verification in complex terrain not only related to MesoVICT. This includes:

- spatial verification of high resolution numerical forecasts in complex terrain
- verification of parameters that have not been traditionally analysed with spatial verification (e.g., wind)
- the effect of observation uncertainties on verification scores
- verification of ensemble forecasts in complex terrain

Abstracts submission and registration opens on 15 March 2019 (see: <http://mesovict.univie.ac.at> ).

### Tentative timetable:

First announcement	30 January 2019
Second announcement	05 March. 2019
Abstract submission and registration opens	15 March 2019
Abstract submission deadline	30 April 2019
Information about acceptance (draft programme ready)	15 May 2019
Registration deadline	14 June 2019
Workshop	08-09 July 2019





**Organising Committee:**

Marion Mittermaier (MetOffice, UK), Manfred Dorninger (Univ. Vienna, Austria, local organiser), Eric Gilleland (NCAR/RAL, USA), Barbara Casati (ECCC, Canada), Gregor Skok (Univ.Ljubljana, Slovenia)

**Registration fee:**

There is no registration fee for participation in the workshop. Dinner will be organized on a self-paying basis (approximately 20-30 EUR).

**Venue:**

The workshop will be hosted by University of Vienna. Details about the exact location of the venue will be made available on the meeting website.

**Further Information:**

Workshop will last from noon (8 July) to noon (9 July). For updated information please visit the workshop website frequently (online on 15 March):

<http://mesovict.univie.ac.at/>

**Contact:**

For any specific information on the workshop please contact:  
Manfred.Dorninger@univie.ac.at