



MÉRA Workshop May 2nd 2019

National Botanic Gardens, Glasnevin, Dublin 9

Contact details: mera@met.ie

Session 1:

Chair Emily Gleeson

10.00 Welcome

Eoin Moran (Director, Met Éireann)

10.05 Introduction and Status of MÉRA

Eoin Whelan (Met Éireann)

10.15 ERA5, the ECMWF C3S State-of-the-art Global Atmospheric Reanalysis

Cornel Soci (ECMWF)

10.40 Q&A session 1

10.55 -11.25 Tea/coffee break

Session 2:

Chair Emily Gleeson

11.25 Copernicus Regional Reanalysis for Europe

Semjon Schimanke (SMHI)

11.50 MÉRA dataset: The Haystack of Meteorological Data and the Needles within

Victor Murphy (UCD)

12.00 Analysing the Effect of Atmospheric Rivers on Ireland's Extreme Precipitation Events

Liam Woods (UCD)

12.10 The use of MÉRA for the Development of a Bathing Water Prediction System in Ireland

Daniel Hawtree (UCD)

12.20 Intensification of agriculture in the Boyne Catchment: Modelling the environmental impacts

Daniel Courtney (Maynooth University)

12.30 Coupled Ocean-Wave Model

Clément Calvino (UCD)

12.40 Q&A session 2

12.55 – 13.55 Lunch break

Session 3:

Chair Eoin Whelan

13.55 C3S Arctic Regional Reanalysis

Kristian Pagh Nielsen (DMI)

14.20 Extreme Low Thicknesses during the 'Beast from the East' of 2018

Eddie Graham (University of the Highlands and Islands Stornoway)

14.30 Verification of Extreme Windstorms in the MÉRA Dataset

Laura Zubiate (Met Éireann)

14.40 Extreme Wave Events during the Winter of 2013/2014

Frederic Dias (UCD)

14.50 An Evaluation of Integrated Cloud Condensate in the MÉRA Reanalysis Dataset

Eadaoin Doddy (UCD)

15.00 Future and Historical Renewable Energy Resources and Weather-related Demand in Ireland

Laura Cooke (UCD)

15.10 Latest Insights into the Use of MÉRA Data for the Simulation of Storm Surges

Nicole Beisiegel (UCD)

15.20 Q&A session 3

Workshop Venue:

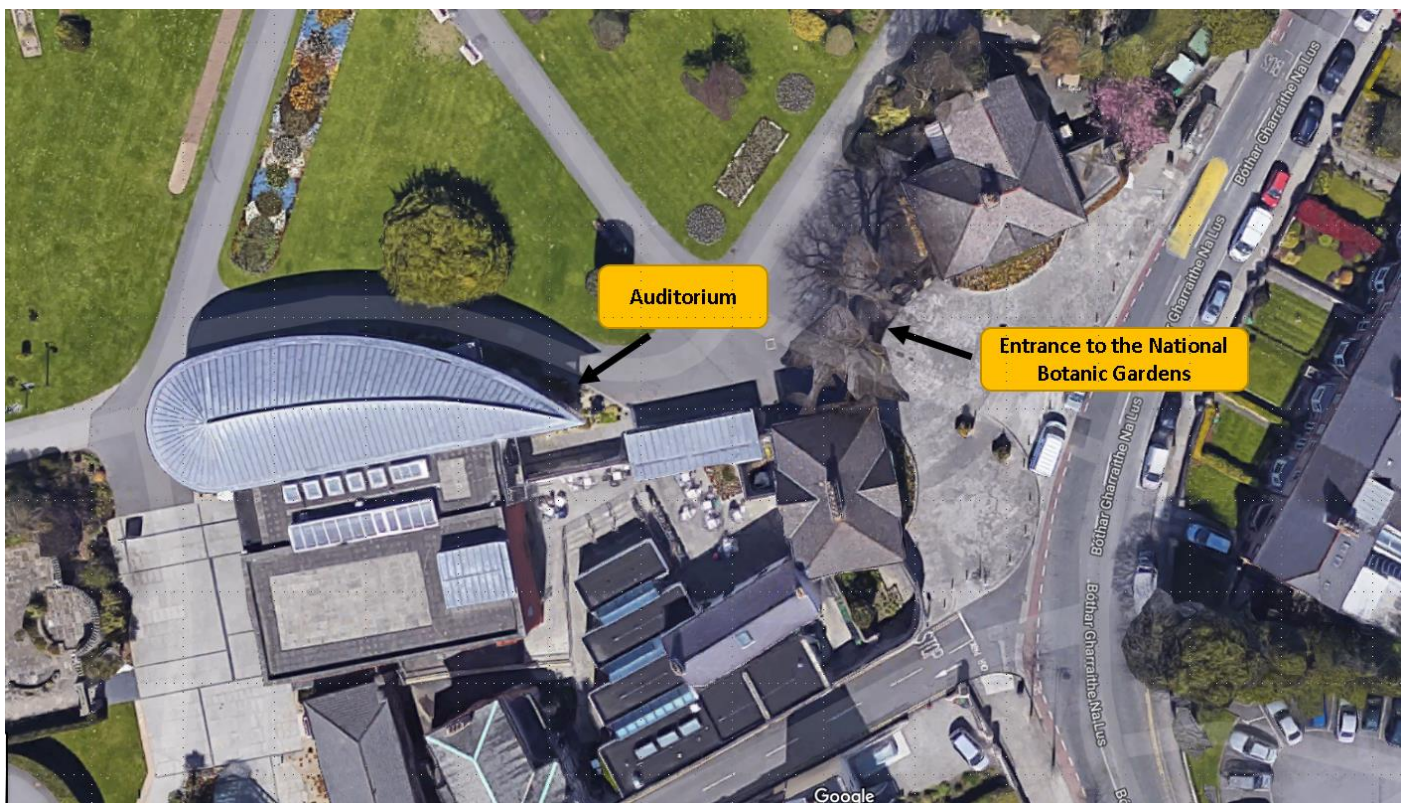
The workshop will take place in the Auditorium in the main building at the National Botanic Gardens.

Directions to the National Botanic Gardens:

The National Botanic Gardens are located in Glasnevin, Dublin 9. Here is a link to a map and directions: <http://www.botanicgardens.ie/educ/gettingthere.htm>. The following buses serve the area: 4, 9 and 83 and the nearest train station is Drumcondra (a 15 minute walk away).

How to get to the MÉRA workshop from the front gates of the National Botanic Gardens?

See map below.



Parking:

The National Botanic Gardens car park will be open from 9.00 am to 4.30 pm and costs 2 Euro. Space is limited (~ 60 spaces) so we would advise you to get there early. There is also some on-street parking in the area. Cars parked in the Addison Lodge (opposite the Botanic Gardens) will be clamped.

Registration:

Registration will take place in the foyer of the main building in the National Botanic Gardens from 9.30 am. We would like you to take your seat by 9.55 am. The workshop will commence at 10 am.