



UNIVERSITAT ROVIRA I VIRGILI

## UERRA -User Workshop -Evaluation Workshop

Bringing together the users and providers of European reanalysis  
30 November + 1 December 2017, Tarragona, Spain

### Goals:

- Show UERRA results
- Show & discuss examples of reanalyses data
- Access & visualisation of data
- Input for user guidance

Everybody interested in using UERRA regional reanalyses is invited. Registration begins Thursday at 8:00. The 2<sup>nd</sup> UERRA User Workshop incl. icebreaker will take place on Thursday (30/11). User Workshop participants are also invited to join the Evaluation Workshop on Wednesday morning (1/12). There is no registration fee. Visit <http://www.uerra.eu> to register, and for additional practical information





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## UERRA -User Workshop -Evaluation Workshop

### User Workshop Programme:

- **INTRODUCTION & GENERAL OVERVIEW**
- **USER EXPERIENCES AND REQUIREMENTS**
- **UERRA PRODUCTS**
- **WORKING WITH THE DATA PRODUCTS**
- **USER – PROVIDER DIALOGUE**



# Draft agenda 2<sup>nd</sup> UERRA User Workshop, Thursday morning 30 November 2017

## INTRODUCTION

- 9:00 – 9:10** Welcome by the host and organizers
- 9:10 – 9:30** Short introduction of the UERRA project (Per Unden, SMHI)
- 9:30 – 10:00** Principles and general overview of reanalysis systems  
(Richard R./Peter J., MetOffice)

## USER EXPERIENCES AND REQUIREMENTS

- 10:00 – 10:20** User perspective on climate data (Kirsti Jylhä, FMI)
- 10:20 – 10:40** Using reanalysis for wind and solar power simulations: The  
Renewables.ninja project (Stefan Pfenniger, ETH Zurich)

**---BREAK---**

- 11:10 – 11:50** User applications

## UERRA PRODUCTS

- 11:50 – 12:40** UKMO, SMHI, DWD, MF, KNMI (10 min. each)
- 12:40 – 13:00** Evaluation results overview (Andrea K.-W.)



# Draft agenda 2<sup>nd</sup> UERRA User Workshop, Thursday Afternoon 30 November 2017

--- LUNCH BREAK ---

## WORKING WITH THE DATA PRODUCTS

**14:00 – 14:30**      Climate indices based on different re-analyses datasets  
(Gerard vd S., KNMI; Francois Besson, MeteoFrance)

**14:30 – 14:50**      Demonstrating data access and visualization MARS (Richard Mladek)

**14:50 – 15:10**      Data access and Visualization ESGF and ADAGUC by Else vd B., KNMI)

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## USER – PROVIDER DIALOGUE

**15:40 – 17:30**      User requirements / User guidance





## UERRA User Workshop and Evaluation Workshop

**30 November and 1 December 2017 at El Seminari, Carrer de Sant Pau, 4, Tarragona, Spain**

### **Preliminary User Workshop Programme (Thursday 30 November)**

- 1** - Short introduction of the UERRA project
- 2** - Principles and general overview of reanalysis systems
- 3** - User experiences and requirements
  - \* User perspective on climate data
  - \* User applications – users are invited to briefly explain their need for re-analysis data
- 4** - Presentation of all re-analyses products prepared in UERRA
- 5** - Methods to assess fitness for purposes
- 6** - Overview of the strengths & weakness of the different datasets
- 7** - Climate indices based on different re-analyses datasets
- 8** - Demonstrating data access and visualization
- 9** - How to meet the users' requirements – dialogue

### **Preliminary Evaluation Workshop Programme (Friday morning 1 December)**

- 1** - Overview of used evaluation methods
- 2** - Comparison against station data, gridded data, satellite data and ensemble verification methods (Bias, MSE decomposition, frequency distributions, extremes, correlation on various temporal and spatial scales and other skill scores) with special emphasis on wind speed, temperature, precipitation and climate indices
- 3** - Remaining challenges