

**First Climate Services Masterclass**  
**Energy, Tourism, Agriculture in a changing climate**

Bolzano/Bozen, Italy, 18-22 May , 2015

Eurac, Viale Druso, 1 / Drususallee 1

<http://www.euporias.eu/event/masterclass>

*Directors: C. Buontempo (MetOffice), A. Dell'Aquila (ENEA)*

*Organizers: M. Davis (IC3), M. Bruno Soares, (Uni Leeds), G. Dubois (TEC), S. Schneiderbauer (EURAC), L Radici (EURAC), M Petitta (EURAC) , M. De Felice (ENEA)*

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**Monday, May 18**

**Introduction: presenting the people, the topics and the school**

- 11:00: **Registration - WELCOME**
- 11:15 : Introduction: The program, the school, the venue
- 11:30 **C. Buontempo (MetOffice):** Climate service overview: the Euporias experience
- 12:00 **S. Schneiderbauer (EURAC):** Eurac presentation
- 12:30 : **Lunch break**
- 14:00 **Suraje Dessai (Uni Leeds):** Climate services for society: origins, institutional arrangements, and design elements for an evaluation framework
- 15:00 **Felicity Liggins (MetOffice):** Climate service principles
- 16:00 **Coffe break**
- 16:30 **Presentation of the students with their own specific questions (reported in the registration form)**
- 18:00 **Ice-breaker Aperitif**

**Tuesday, May 19**

**Introduction and selection of the problems to be worked on**

- 9:00 **Climate services a multidisciplinary approach: splitting in two routes: 'climate data' / 'user needs'**
- 9:15 **Antonio Cofino (Uni Cantabria):** How to get climate information.

Where the users can find and manipulate climate data  
**Marta Bruno Soares(Uni Leeds), Daniel Funk (DWD), Stefan Schneiderbauer (EURAC):** Vulnerability to climate variability and change. Assessing users' needs with regard to climate information

- 10:30 **Coffee break**
- 12:00 ***Come back to Plenary: main outcomes of the two routes***
- 12:30 **Lunch break**
- 13:30 ***Laurent Dubus (EDF):*** Use of climate predictions in Energy sector
- 14:00 ***Ronald Hutjes (Uni Wageningen):*** Use of climate predictions in the Agriculture sector
- 14:30 ***Ghislain Dubois (TEC):*** Use of climate predictions in the Tourism sector
- 15:00 **Coffe break**
- 15:30 **Carousel: presentation of specific problems for each sector (by sector champions , stakeholders...)**
- 16:30 **Splitting in groups of interest and starting of hand-sessions to develop a prototpal climate service for each sector**
- 18:00 **Report from each group**
- 18:30 **End of the day**

### Wednesday, May 20

#### Understanding climate variability and how to deal with it

- 9:00 ***Carlo Buontempo (MetOffice)*** Main modes of variability of the climate system
- 10:00 ***Jean-Pierre Ceron(MeteoFrance - WMO):*** Underlying processes, skill and reliability of seasonal forecast. Part I
- 10:30 **Coffee break**
- 11:00 ***Jean-Pierre Ceron:*** idea of consensus and use of information
- 11:45 ***Silvio Gualdi (CMCC):*** State of the arts in climate predictions model and possible future outlook
- 12:45 **Lunch break**
- 14:00 ***Daniela Domeisen (MarexSpectron):*** Using seasonal weather forecasts in commodity trading
- 15:00 **Coffe break**
- 15:30 ***Hand-on sessions***

- 18:00 **Report from each group**
- 18:30 **End of the day**
- 19:30 **Social dinner**

### Thursday, May 21

#### Understanding climate change and how to deal with it

- 9:00 **Clare Goodess (Uni East Anglia)** The changing climate of the Mediterranean Region: Impact on energy sector
- 10:00 **Coffee break**
- 10:30 **Andrea Toreti (JRC):** The changing climate and related impacts on agriculture sector
- 11:30 **Alessandro Dell'Aquila (ENEA):** Uncertainty in climate model projections (and downscaling)
- 12:30 **Lunch break**
- 13:30 **Hand-on sessions**
- 15:00 **Coffe break**
- 15:30 **Hand-on sessions**
- 18:00 **Report from each group**
- 18:30 **End of the day**

### Friday, May 22

#### Involvement the users. The front-end of the services

- 9:00 **Assuncion Lera St Clare (DNVGL)** Co-production of knowledge in climate services development
- 9:45 **Alberto Troccoli (CSIRO):** The ICEM/WEMC experience: a multidisciplinary community of users and providers
- 10:30 **Coffee break**
- 11:30 **Presentation of Prototypes & discussion**
- 12:30 **Lunch**
- 13:30 **Close ceremony and awards**
- 14:00 **End of the school**

