Università della Calabria
Dipartimento di Ingegneria per l'Ambiente e il Territorio e Ingegneria Chimica

CeSMMA
Centro Studi per il Monitoraggio e la Modellazione Ambientale

KIT
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Institute for Meteorology and Climate Research
IMK-IFU

NCAR

Universität Augsburg · Scientia et Conscientia

1st European Fully Coupled Atmospheric-Hydrological Modeling and WRF-Hydro Users workshop

University Club Hall at University of Calabria

Rende (Cosenza, Italy), June 11-13, 2014

The challenge of improving hydrometeorological forecasts and the need for accurate projections of hydrological impacts due to climate change has initiated the development of novel, fully two-way coupled atmospheric-hydrologic modeling systems by various research groups around the world.
The primary objective of the Workshop is to create an opportunity to meet and exchange ideas and experiences for coupled atmospheric-hydrological modelers working in the European and Mediterranean regions

During the latter part of the workshop special focus will be on the new community WRF-Hydro modeling system that was released by the National Center for Atmospheric Research (NCAR) in 2013

Workshop planning committee
Benjamin Fersch - KIT, Campus Alpin, Germany
David J. Gochis - National Center for Atmospheric Research, USA
Harald Kunstmann - KIT & University of Augsburg, Germany
Giuseppe Mendicino - DIATIC, University of Calabria, Italy
Alfonso Senatore - DIATIC, University of Calabria, Italy

11 June 09:00 — *1st session*
Fully coupled atmo-hydro modeling approaches: state of the art

11 June 14:15 — *2nd session*
Enhancing process representation in fully coupled modeling systems

12 June 09:00 — *3rd session*
The forecasting chain and other aspects of land-atmosphere coupling

12 June 14:15
Fundamentals of WRF-Hydro: Lectures

13 June 09:00
Instructional session: mini-tutorial WRF-Hydro

www.eco-hydrology.org/wrf-hydro2014/

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