POSTER LIST

MWB = Mediterranean water budget: estimation, variability, future evolution

CHC = Continental hydrological cycle and water resources: regional modelling, evolution with global change

HPF = Heavy precipitation and flash-flooding: process studies, predictability, future evolution

IASF = Intense air-sea fluxes, including severe wind systems and their impacts on dense water formation

VAC = Vulnerability and adaptation capacity to climate change and extreme events
| MWB01 | The MedCLIVAR project: a powerful networking scientific programme for promoting the research on the Mediterranean Climate  
Tanzarella A., University of Salento |
| MWB02 | PROMES-MOSLEF: An atmosphere-ocean coupled regional model. Coupling and preliminary results over the Mediterranean basin  
Gallardo C., Institute of Environmental Sciences - UCLM |
| MWB03 | Evaluation and comparison of regional climate models over the Iberian Peninsula  
Sánchez de Cos M.E., AEMET |
| MWB04 | Estimating the Mediterranean Sea Water and Heat Budgets: uncertainties in the observed estimates and in the Regional Climate Models  
Somot S., Meteo-France/CNRM-GAME |
| MWB05 | Use of CALIPSO lidar observations to characterize and evaluate the cloudiness simulated by the WRF model over the Mediterranean area: methodology and diagnostics  
Bastin S., CNRS/INSU, IPSL/LATMOS |
| MWB06 | Analysis of GPS water vapour variability over Morocco  
Koulali Idrissi A., EMI |
| MWB07 | Radiative fluxes, water vapour, clouds and aerosols observations at the island of Lampedusa  
Meloni D., ENEA |
| MWB08 | Aerosol extinction from N2 and O2 Raman signals, aerosol backscatter, and water vapour profiling with a monochromator based Raman LIDAR  
Bolarín J., University of Murcia |
| MWB09 | Ground-based and satellite observations of column water vapour in the central Mediterranean: spatio-temporal variability  
Liberti G.L., ISAC CNR |
| MWB10 | Impact of the parameterisation of the bottom friction on the deep convection and general circulation of the Mediterranean Sea  
Lebeaupin Brossier C., Dynamic Meteorology Laboratory |
| MWB11 | Development of a high resolution regional coupled ocean-atmosphere model for seasonal prediction and climate studies at IC3  
Shinde M., IC3 |
| MWB12 | Contribution to the Mediterranean Sea water and heat budget definition: links between the Tyrrhenian and the Liguro-Provencal sub basins  
Schroeder K., CNR - ISMAR |
Bastin S., CNRS/INSU, IPSL/LATMOS |
| MWB14 | The Climate Shift and the Climate Variability in the Mediterranean region.  
Parages J.L., Complutense University of Madrid |
| MWB15 | Influence of the Atlantic-Pacific interbasin connection on the Mediterranean summer precipitation  
Losada T., UCM (Withdrawn) |
| MWB16 | Experimental study of the seasonal characteristics of the breeze circulation at a coastal Mediterranean site in South Italy using surface and remote sensing devices  
Sempreviva A.M., ISAC-CNR |
| MWB17 | Impact of the Mediterranean Sea Surface Temperatures from a Weather Regimes Classification Approach  
Polo I., University Complutense of Madrid |
| MWB18 | Large-scale atmospheric response to eastern Mediterranean summer SST anomalies  
Polo I., University Complutense of Madrid |
| MWB19 | Teleconnections between the Atlantic Niño, WAM and Mediterranean variability in coupled global models  
Losada T., UCM |
| MWB20 | Monitoring and modelling the dynamics of the Aegean-Levantine basins  
Sofianos S., University of Athens |
| MWB21 | Modelling the entire range of the water exchange variability through the Strait of Gibraltar  
Sannino G., ENEA |
| MWB22 | Mechanisms leading to rainfall anomalies in the Mediterranean region  
Baldi M., CNR-IBIMET |
| MWB23 | Sea level rise over the Mediterranean: present climate and scenario simulations  
Ruti P.M., ENEA |
| MWB24 | Adriatic – Ionian Interaction: The Bimodal Oscillating System (BiOS)  
Gacic M., OGS |
| MWB25 | Observation-based regional (Mediterranean area) characterization of spatial and temporal variability of water vapour  
Liberti G.L., ISAC CNR |
| MWB26 | Precipitable water content from ground-based sun/sky radiometer measurements: development of a new in-situ procedure  
Campanelli M., ISAC-CNR |
| MWB27 | Long-term monitoring of the hydrographic properties of water masses in the Adriatic Sea  
Paschini E., ISMAR-CNR Ancona |
| MWB28 | Evaporation and recent changes in Mediterranean Deep waters  
Salat J., ICM-CSIC |
| MWB29 | Diurnal cycle of cloud cover in COSMO-CLM over the Mediterranean Basin  
Ahrens B., IAU, Goethe-University |
| MWB30 | Establishing an international network of ground-based microwave radiometers for operational retrievals of atmospheric temperature and water vapour  
Cimini D., IMAA/CNR |
| CHC01 | The ISAC-CNR micrometeorological base and database in Lecce  
Martano P., ISAC-CNR |
| CHC02 | Hydrometeorological modelling of the Laurentian Great Lakes using MESH  
Fortin V., Environment Canada |
| CHC03 | Hydrological cycle and extreme precipitation statistics over Croatia simulated with regional climate model  
Patarcic M., Meteorological and Hydrological Service |
| CHC04 | Uncertainties associated to the representation of surface processes in impact studies. A study in the Mediterranean area.  
Martin E., CNRM-GAME (Météo-France, CNRS) |
| CHC05 | Theoretical and experimental researches of seismo-electric effect in rocks  
Fedoryshyn O., Carpatian Branch of Subbotin Institute of Geophysics |
| CHC06 | Modelling interactions between surface and hydrosystems over the Crau Camargue region  
Courault D., Chargée de Recherches (HDR) |
| CHC07 | Methodology for the assimilation of regional climate model output in local climate change impact studies adopting physically-based models of eco-hydrological processes  
Guyennon D., IRSA-CNR |
| CHC08 | The effect of indiscriminate and spectral nudging on regional climate modelling  
Omrani H., Dynamic Meteorology Laboratory |
| CHC09 | A innovative collaborative web framework to model the integrated water cycle: from coastal basin to shallow marine waters  
Cau P., CRS4 |
| CHC10 | A regional application of spatially distributed rainfall-runoff model for water resources estimation.  
Montosi E., DISTART - University of Bologna |
| CHC11 | The water cycle at large scale over West Africa: an updated view from the AMMA project  
Bock O., IGN |
| CHC12 | Climate data for hydrological modelling in the WASSERMed project  
Pizzigalli C., CMCC |
| CHC13 | Dynamical and statistical downscaling of precipitation and temperature in a Mediterranean area  
Pizzigalli C., CMCC |
| CHC14 | Impact of the South Asian monsoon on the Mediterranean climate  
Tamura T., University of Tokio |
| HPF01 | Ensemble-based mesoscale data assimilation and 3D scanning lidar operations: Proposed Contributions of University of Hohenheim to HyMeX SOP 2012/13  
Behrendt A., University of Hohenheim |
| HPF02 | Upstream wind field conditions in the western Mediterranean basin monitored by a network of wind profilers radars.  
Saïd F., Laboratoire d’Aérologie |
| HPF03 | A Mediterranean atmospheric observatory in Corsica within the framework of HyMeX and ChArMEx  
Lambert D., University of Toulouse |
| HPF04 | Polarimetric radar observations of orographic impact on mesoscale precipitation events  
Hagen M., DLR Institute for Atmospheric Physics |
| HPF05 | Meteohydrological modelling and monitoring in Liguria (TA NW Mediterranean sea)  
Cavallo A., ARPAL CFMI-PC |
| HPF06 | Hi-resolution observational capabilities dedicated to the severe weather monitoring of the Greek peninsula.  
Chronis T., HCMR |
| HPF07 | Real time high-resolution forecast support for the HyMeX Special Observing Period: deterministic and ensemble strategies.  
Nuret M., Météo-France |
| HPF08 | Research Activities at CIMA Foundation and contributions to task teams activities  
Boni G., CIMA Research Foundation |
| HPF09 | Flash flood prediction for ungauged catchments  
Garambois P.A., IMFT |
| HPF10 | Meteo-hydrological predictions: testing different ensemble approaches  
Davolio S., ISAC-CNR |
| HPF11 | Comparison of LAPS analyses with EUMETSAT products for the characterization of cloud cover and instability indices in Mediterranean tropical-like cyclones  
Conte D., ISAC-CNR |
| HPF12 | Aerosol/cloud interactions in the Western Mediterranean during HYMEX  
Gomes L., CNRM - GAME |
| HPF13 | Towards a mesoscale Ensemble Prediction System for the north-western Mediterranean  
Richard E., Laboratoire d’Aérologie |
| HPF14 | Lightning activity and precipitation in South of France from August to December between 1992 and 2008  
Coquillat S., LA University of Toulouse |
| HPF15 | Analysis of radar quantitative precipitation estimates for medium-size catchment spatial scale  
Amorati R., ARPA Emilia-Romagna |
| HPF16 | Sensitivity simulations of the 12–13 November 2004 heavy precipitation event over southeastern Italy  
Mastrangelo D., DISAM, Parthenope University of Naples |
| HPF17 | Uncertainty reduction of the hydrological river stage forecasting during flash flood events  
Nerozzi F., ARPA-SIMC |
| HPF18 | Assimilation of polarimetric radar observations with the Arome model  
Caumont O., CNRM-GAME |
| HPF19 | Modelling long-lasting deep convective systems over sea in the Mediterranean basin  
Pasqui M., CNR-IBIMET |
| HPF20 | Relationships between High Precipitation Events (HPEs) and upper-level dynamics in a semi-idealized atmosphere  
Maynard K., Météo-France |
| HPF21 | X-band and C-band radar differential phase measurements for rainfall estimation: analysis of co-located measures during a convective precipitation event in Piemonte  
Cremonini R., ARPA Piemonte |
|---|---|
| HPF22 | Rainfall reanalysis in the Cévennes-Vivarais region, France  
Delrieu G., LTHE |
| HPF23 | The Cévennes-Vivarais Mediterranean Hydrometeorological Observatory  
Boudevillain B., LTHE |
| HPF24 | Forecasting of large scale circulations propitious to Mediterranean Heavy Precipitating Systems with an operational ensemble prediction system at Météo France  
Joly B., CNRM-GAME |
| HPF25 | Idealized numerical study of Mediterranean heavy precipitating events: identification of favouring ingredients  
Bresson E., CNRM-GAME |
| HPF26 | 08/08/08: the olympic storm event and its implications about severe weather  
Pucillo A., OSMER ARPA FVG |
| HPF27 | The WAVATEB project: water vapour transport in the Ebro valley during HyMeX experiment  
Ezcurra A., University Pais Vasco |
| HPF28 | Post-food field surveys: an efficient way to gain experience on flash floods. Methodology and illustrations  
Marchi L., CNR IRPI |
| HPF29 | Uncertainties in short-term forecasts of a Mediterranean heavy precipitation event: Assessment with satellite observations  
Chaboureau J.P., University of Toulouse-CNRS |
| HPF30 | Rossby wave tracking applications for predictability studies  
Grazzini F., ARPA-SIMC |
| HPF31 | Exploring some uncertainties of flash-flood simulations with ISBA-TOPMODEL coupled system on Cévennes-Vivarais watersheds  
Lespina F., GAME/CNRM (Météo-France) |
| HPF32 | Classifying severe rainfall events over Italy by hydrometeorological and dynamical criteria  
Parodi A., CIMA Research Foundation |
| HPF33 | Lightning measurements and its application for severe storm detection and nowcasting  
Höller H., Institut for Atmospheric Physics |
| HPF34 | ICT-based hydrometeorology science and natural disaster societal impact assessment: DRIHMS project  
Parodi A., CIMA Research Foundation |
| HPF35 | A network of disdrometers to investigate the variability of the raindrop size distribution  
Berne A., EPFL-LTE |
| HPF36 | RainMusic multi-instrument precipitation analysis: Application to the VOLTAIRE and MAP D-PHASE case studies  
Mariani S., ISPRA |
| HPF37 | An analysis of cyclones in relation with intense precipitation events in the Mediterranean region  
Lionello P., University of Salento |
| HPF38 | Evolution and growth of perturbations in a convection-resolving model  
Uboldi F., Novate Milanese |
| HPF39 | Numerical Simulations of Conditionally Unstable Flows over a Mountain Ridge  
Miglietta M., ISAC-CNR |
| HPF40 | Regional flood frequency analyses in the Mediterranean area involving extraordinary flood events at ungauged sites  
Gaume E., LCPC |
| HPF41 | Background Error Statistics at convective scale in precipitating areas: the challenge of including hydrometeors  
Michel Y., Météo-France |
<table>
<thead>
<tr>
<th>Poster ID</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPF42</td>
<td>Lightning activity in relation to thermodynamics, dynamics and microphysics in storms over Paris region</td>
<td>Buguet M., University Paul Sabatier</td>
</tr>
<tr>
<td>HPF43</td>
<td>A fundamental predictability study of orographically modified convection</td>
<td>Bongiaannini Cerlini P., CRC University of Perugia</td>
</tr>
<tr>
<td>HPF44</td>
<td>Heavy precipitation systems observation at high resolution using Doppler Polarimetric measurements obtained with the FM-CW TARA radar</td>
<td>Dufournet Y., TU Delft - ATMOS</td>
</tr>
<tr>
<td>HPF45</td>
<td>Historical flash flood impact in Mallorca and its future evolution</td>
<td>Rossello J., University of Balearic Islands</td>
</tr>
<tr>
<td>HPF46</td>
<td>A microphysical study using radar/satellite data and WRF/MM5 high resolution model simulations for two events: Deep convection in the tropical area and a storm in the Mediterranean area.</td>
<td>Gentile S., CETEMPS/University of L'Aquila</td>
</tr>
<tr>
<td>HPF47</td>
<td>Planetary boundary layer of the urban area of Rome: High resolution model simulation (WRF) and ground based observations.</td>
<td>Pichelli E., CETEMPS/University of L'Aquila</td>
</tr>
<tr>
<td>HPF48</td>
<td>Dual polarization radar observations of precipitation events in the area of Rome</td>
<td>Baldini L., ISAC-CNR</td>
</tr>
<tr>
<td>HPF49</td>
<td>Effects of slope length and rain intensity variations on surface runoff: experiments and modelling in the Pradel OHMCV Super Site</td>
<td>Vandervaere J.P., LTHE</td>
</tr>
<tr>
<td>HPF50</td>
<td>Rainfall regimes in the Cévennes-Vivarais target area for HyMeX</td>
<td>Molinié G., LTHE-University of Grenoble 1</td>
</tr>
</tbody>
</table>
| IASF01  | WRF Model and ASAR-retrieved sea surface wind field comparison in a case study over eastern Mediterranean Sea  
         | Miglietta M., ISAC-CNR |
|--------|--------------------------------------------------|
| IASF02 | The CNR-ISMAR network of meteorological stations and marine observatories in the Northern Adriatic Sea  
         | Sparnocchia S., CNR-ISMAR Trieste |
| IASF03 | Marine Atmospheric Boundary Layer Observations over the Mediterranean Sea  
         | Bozzano R., CNR-ISSIA |
| IASF04 | Meteomarine observations from a buoy in Ligurian sea (TA NW Mediterranean sea)  
         | Gallino S., ARPAL CFMI-PC |
| IASF05 | Contributions of atmospheric and oceanic conditions to the exceptional 2005 event of deep water formation in the Northwestern Mediterranean basin  
         | Herrmann M., CNRM-GAME, CNRS/Météo-France |
| IASF06 | Characteristics of the wavenumber spectral decay of the near surface wind kinetic energy in the Mediterranean Sea  
         | Zecchetto S., ISAC-CNR |
| IASF07 | Storm surge modelling in the Mediterranean Sea with focus on the Italian coast  
         | Ferrarin C., ISMAR - CNR |
| IASF08 | Meteorological and Marine Time Series Collected Offshore in the Ligurian Sea  
<pre><code>     | Bozzano R., CNR-ISSIA |
</code></pre>
<table>
<thead>
<tr>
<th>VAC01</th>
<th>Evolution of cropping systems as affected by climate change (CLIMESCO)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ventrella D., Agricultural Research Council – CRA/SCA, Italy</td>
</tr>
<tr>
<td>VAC02</td>
<td>Statistical distributions of wildfire in Corsica: a multifractal approach</td>
</tr>
<tr>
<td></td>
<td>Silvani X., CNRS UMR 6134</td>
</tr>
<tr>
<td>VAC03</td>
<td>Socio-Hydro-Meteorological approach of Mediterranean flash flood risk</td>
</tr>
<tr>
<td></td>
<td>Ruin I., LTHE - Grenoble university</td>
</tr>
</tbody>
</table>