



umbria water festival

17 | 20 Maggio 2012

acqua in bocca

umbriawaterfestival.it

workshop

CLIMATE CHANGES: FLOOD/DROUGHT DYNAMICS

18 May 2012

C.A.O.S. Centro Arti Opificio Siri | Sala dell'orologio | Viale Campofregoso 98 | Terni

Floods and droughts are among the most damaging natural hazards, with floods being globally the most significant disaster type in terms of loss of human.

The workshop is aimed to explore future flood/drought prospects associated with the climate change as these are shown by observed data and models, their reliability and uncertainty.

PROGRAM

9.00 / 9.30 > Lucio Ubertini | Welcome and workshop presentation

9.30 / 9.50 > Francesco Cioffi | The changing character of precipitations in Europe and Mediterranean regions. Evidences from data and model projections

10.00 / 10.30 > Upmanu Lall | Director of Columbia Water Center, Columbia University, New York, USA
Invited lecture: Uncertainty in future hydrologic cycle projections

10.30 / 11.00 > Evgeny Volodin | Institute of Numerical Mathematics, RAS, Moscow, Russia
Invited lecture: Soil moisture controls summer heat wave statistics in present-day climate and global warming conditions

11.00 / 11.30 > Coffee Break

11.30 / 12.00 > Bruno Merz | Helmholtz-Zentrum Potsdam, Deutsche GeoForschungszentrum, Potsdam, Deutschland
Invited lecture: Floods and global change: Increasing losses, increasing uncertainty and implications for risk management

12.00 / 13.00 > Discussion and contributions

13.00 / 14.00 > Lunch

14.00 / 15.00 > Climate Change: Impact on Urban Water Management

15.00 / 16.00 > Climate Change: Impact on hydropower production

16.00 / 17.00 > Lucio Ubertini | Upmanu Lall | Conclusion

Secretariat Umbria Scientific Meeting Association | USMA2007

Partners

Regione Umbria | Provincia di Perugia | Provincia di Terni
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Centro H2CU Sapienza, Università di Roma | T4E s.r.l. one Technology four Elements