

Abst. #	Titles and authors
1	Ensemble weather forecasting at BC Hydro Dr. Doug McCollor, BC Hydro, Canada <a href="mailto:doug.mccollor@bchydro.com">doug.mccollor@bchydro.com</a>
2	Predictive Uncertainty in Flood Forecasting Ezio Todini - University of Bologna - Italy <a href="mailto:ezio.todini@unibo.it">ezio.todini@unibo.it</a>
4	An overview of the use of reforecasts for precipitation forecast calibration Tom Hamill, NOAA/ESRL, USA <a href="mailto:tom.hamill@noaa.gov">tom.hamill@noaa.gov</a>
5	Quantification and propagation of three sources of uncertainties in operational flood forecasting chains in mountainous areas M. Zappa (1), S. Jaun (1,2), U. Germann (3), A. Walser (3) (1) Swiss Federal Research Institute WSL, Birmensdorf, Switzerland, (2) IACETH, Zürich, Switzerland, (3) MeteoSwiss, Locarno-Monti and Zürich, Switzerland <a href="mailto:massimiliano.zappa@wsl.ch">massimiliano.zappa@wsl.ch</a>
6	A "Peak-Flow Box" for Supporting Interpretation and Verification of Operational Ensemble Flood Forecasts M. Zappa, S. Jaun Swiss Federal Institute for Forest, Snow and Landscape Research WSL, Switzerland <a href="mailto:massimiliano.zappa@wsl.ch">massimiliano.zappa@wsl.ch</a>
7	Evaluation and bias correction of daily QPF's : Impact on hydrological ensemble forecasts Marty R., Zin I. and Obled Ch., LTHE Grenoble INP, France <a href="mailto:renaud.marty@gmail.com">renaud.marty@gmail.com</a>
8	The comparison of the different inputs and outputs of hydrologic prediction system as: the full sets of Ensemble Prediction System (EPS), the reforecast and the calibration of this system by the verification tools of ensemble forecasts. Bao N. TRINH/ Joint Research Centre-IES, Italy, Konrad Bogner, NAHA/ Joint Research Centre, Italy. <a href="mailto:bao.trinh@jrc.it">bao.trinh@jrc.it</a>
9	Operational hydrological ensemble forecasts in France. Recent development of the French Hydropower Company (EDF), taking into account rainfall and hydrological model uncertainties Mathevet, T, Garavaglia, F, Garçon, R, Gailhard, J, Paquet E., EDF, France <a href="mailto:thibault.mathevet@edf.fr">thibault.mathevet@edf.fr</a>
10	On the importance of meteorological downscaling for short, medium and long-range hydrological ensemble prediction over France G. Thirel (1), F. Regimbeau (2), G. Tanguy (1), E. Martin (1), L. Franchisteguy (2), J.-P. Céron (2), J. Noilhan (1) and F. Habets (3) (1) CNRM-GAME, Météo-France, CNRS, France, (2) Direction de la climatologie, Météo-France, France

	(3) UMR-SISYPHE, ENSMP, CNRS, France <a href="mailto:guillaume.thirel@meteo.fr">guillaume.thirel@meteo.fr</a>
14	Downscaling of seasonal forecasts for hydro-power Z. QU, <a href="mailto:L.Dubus@edf.fr">L. Dubus</a> , M. Berthelot and Joël Gailhard, EDF R&D, France <a href="mailto:laurent.dubus@edf.fr">laurent.dubus@edf.fr</a>
15	An ensemble forecast approach for evaluating the convective-scale predictability of Mediterranean heavy precipitation O. Nuisssier, B. Vié and V. Ducrocq (CNRM-GAME) <a href="mailto:olivier.nuissier@meteo.fr">olivier.nuissier@meteo.fr</a>
16	Ensembles forecasts for fast reacting watersheds Institute for Hydrology, Ruhr- University Bochum, Andreas Schumann <a href="mailto:andreas.schumann@rub.de">andreas.schumann@rub.de</a>
17	ALADIN Limited Area Ensemble Forecasting Yong Wang/ZAMG, Jean Pailleux/Meteo-France <a href="mailto:jean.pailleux@meteo.fr">jean.pailleux@meteo.fr</a>
18	Statistical calibration of precipitation ensembles: an empirical Comparison of a few methods John Bjørnar Bremnes/Norwegian Meteorological Inst <a href="mailto:j.b.bremnes@met.no">j.b.bremnes@met.no</a>
20	ECWMF: Supporting hydrological forecasting Pappenberger, F. Buizza, R., Hagedorn, R., ECMWF <a href="mailto:florian.pappenberger@ecmwf.int">florian.pappenberger@ecmwf.int</a>
21	Radar Data Quality Index - A Tower of Babel? Thomas Einfalt, Jan Szturc <a href="mailto:einfalt@hydrometeo.de">einfalt@hydrometeo.de</a>
22	MOGREPS Short-range Ensemble Forecasts of Precipitation Ken Mylne et al, Met Office <a href="mailto:ken.mylne@metoffice.gov.uk">ken.mylne@metoffice.gov.uk</a>
23	A statistical methodology based on weather-typing that could potentially mitigate numerical model systematic biases for seasonal forecasts Christian Pagé, L. Terray, Cerfacs; J. Boé, UCalifornia <a href="mailto:christian.page@cerfacs.fr">christian.page@cerfacs.fr</a>
26	Testing calibration techniques based on reforecasts for limited-area ensemble precipitation forecasts <a href="mailto:tdiomedede@arpa.emr.it">tdiomedede@arpa.emr.it</a>
27	Hydrological Ensemble Forecast for the River Danube focused on the applied downscaling method A. Csik, G. Balint / VITUKI, Hungary <a href="mailto:csika@vituki.hu">csika@vituki.hu</a> , <a href="mailto:balint@vituki.hu">balint@vituki.hu</a>
28	Diurnal variation of summer precipitation in China Yu, Rucong and Li, Jian <a href="mailto:lijian@cams.cma.gov.cn">lijian@cams.cma.gov.cn</a>
30	Reducing Meteorological and Hydrological Uncertainties in ESP : A Korean Case Study.  Young-Oh Kim / Department of Civil and Environmental Engineering,

	<p>Seoul National University  Tae-Ho Kang /Water Resources Research Division,  Korea Institute of Construction Technology  Donghwa Yeo / Department of Civil and Environmental Engineering,  Seoul National University  Kyung-Jin Kim / Department of Civil and Environmental Engineering,  Seoul National University  Il-Pyo Hong / Water Resources Research Division,  Korea Institute of Construction Technology  <a href="mailto:yokim05@snu.ac.kr">yokim05@snu.ac.kr</a></p>
36	<p>Cost-benefit analysis for operational water management with ensemble predictions  van Andel, Lobbrecht, Price/UNESCO-IHE/HydroLogic  <a href="mailto:s.vanandel@unesco-ihe.org">s.vanandel@unesco-ihe.org</a></p>
38	<p>Performance and reliability of multimodel hydrological ensemble simulations: A case study based on 17 global models and 1061 French catchments  J.A. Velazquez et al. Department of Civil Engineering, Université Laval, Québec, Canada  <a href="mailto:juan-alberto.velazquez.1@ulaval.ca">juan-alberto.velazquez.1@ulaval.ca</a></p>
39	<p>Hydrometeorological Forecasts for Fast Reacting Catchments: Comparison of Quantitative Precipitation Forecasts and Impact Assessment on Streamflow Forecasts.  L.Moulin, R.Marty, et al.  <a href="mailto:laetitia.moulin@gmail.com">laetitia.moulin@gmail.com</a></p>
40	<p>HEPEX Verification Test Bed  Julie Demargne<sup>1,2</sup>, Kristie Franz<sup>3</sup>, Vincent Fortin<sup>4</sup>, Florian Pappenberger<sup>5</sup>, and Luc Perreault<sup>6</sup>  <a href="mailto:julie.demargne@noaa.gov">julie.demargne@noaa.gov</a></p>
44	<p>A nonparametric post-processor for removing biases from ensemble forecasts of hydrometeorological and hydrologic variables.  James D. Brown and Dong-Jun. Seo, NOAA/NWS/UCAR  <a href="mailto:james.d.brown@noaa.gov">james.d.brown@noaa.gov</a></p>
46	<p>Assessment of the total predictive uncertainty of a real-time hydro-meteorological flood forecasting system using bivariate meta-gaussian density  Renaud Hostache, Patrick Matgen, Laurent Pfister  <a href="mailto:hostache@lippmann.lu">hostache@lippmann.lu</a></p>
47	<p>Using ensembles to represent rainfall uncertainties in radar QPE and QPF for hydrologic applications  Sempere-Torres, D/CRAHI; LLort, X./CRAHI; Roca, J./CRAHI; Pegram, G./UKZN  <a href="mailto:sempere@crahi.upc.edu">sempere@crahi.upc.edu</a></p>
48	<p>Status of Hydrologic Ensemble Prediction at U.S. National Weather Service  Pedro Restrepo and John Schaake  <a href="mailto:Pedro.Restrepo@noaa.gov">Pedro.Restrepo@noaa.gov</a></p>
49	<p>Precipitation Stochastic Modeling, Predictability and Forecasts  Schertzer (U. Paris-Est, Ecole des Ponts ParisTech, LEESU &amp; Météo-France, CRNM, France), I. Tchiguirinskaia (U. Paris-Est, Ecole des Ponts ParisTech, LEESU &amp; CMEAGREF, OHAX, France), J. Macor (Universidad Nacional del Litoral, FICH, Argentina), S. Lovejoy (McGill U., Physics dept., Canada)</p>

	<a href="mailto:Daniel.Schertzer@enpc.fr">Daniel.Schertzer@enpc.fr</a>
50	COST731 report on the use of radar quality information in Europe Monika Pfeifer/HYDS, Pier Paolo Alberoni/A.R.P.A. Bologna <a href="mailto:monika.pfeifer@hyds.es">monika.pfeifer@hyds.es</a>
52	The COST 731 Action 'Propagation of Uncertainty in Advanced Meteo-hydrological Forecast Systems Andrea M., Rossa, ARPA Veneto - Centro Meteorologico di Teolo, Via Marconi 55, I-35037 Teolo, +39-049-999 81 35, <a href="mailto:arossa@arpa.veneto.it">arossa@arpa.veneto.it</a>
53	Calibration of Hydro-meteorological Ensemble Forecast at NCEP <a href="mailto:Zoltan.Toth@noaa.gov">Zoltan Toth</a> and Dingchen Hou, EMC/NCEP/NOAA, USA <a href="mailto:zoltan.toth@noaa.gov">zoltan.toth@noaa.gov</a>
54	Downscaling large scale precipitation and temperature fields for hydrological seasonal forecasting and data assimilation Eric F. Wood, Lifeng Luo and Ming Pan / Department of Civil and Environmental Engineering, Princeton University, Princeton, NJ 08540 <a href="mailto:efwood@princeton.edu">efwood@princeton.edu</a> , <a href="mailto:lluo@princeton.edu">lluo@princeton.edu</a>
55	Uncertainty assessment via Bayesian revision of ensemble streamflow predictions in the operational river Rhine forecasting system Reggiani, Renner, Weerts, van Gelder / Deltares TU-Delft <a href="mailto:albrecht.weerts@deltares.nl">albrecht.weerts@deltares.nl</a>
56	Multimodel Ensemble for Short Range Prediction (SREPS) <a href="mailto:j.garciamoya@inm.es">Garcia-Moya</a> , Jose A.; Callado, A.; Escriba, P.; Santos, C.; Santos-Muoz, D.; Simarro, J.. Predictability Group. Spanish Agency of Meteorology (AEMET). <a href="mailto:j.garciamoya@inm.es">j.garciamoya@inm.es</a>
57	WMO research weather prediction activities relevant for ensemble hydrology forecasts Slobodan Nickovic/WMO <a href="mailto:snickovic@wmo.int">snickovic@wmo.int</a>
59	Communicating uncertainty information with warnings of natural hazards : COST731 Michael Bruen, Centre for Water Resources Research, School of Architecture, Landscape and Civil Engineering, University College Dublin, Ireland <a href="mailto:michael.bruen@ucd.ie">michael.bruen@ucd.ie</a>
61	A combined approach for generating skilful forecasts of weather variable forcings for global streamflow forecasts Tom Hopson/NCAR, Florian Pappenberger/ECMWF, John Schaake/OHD-USNWS <a href="mailto:hopson@ucar.edu">hopson@ucar.edu</a>
63	Ensemble forecasting at Météo-France. Potential for the precipitation forecasts Laurent Descamps, Carole Labadie, Alain Joly, Bruno Joly, Philippe Arbogast <a href="mailto:Laurent.descamps@meteo.fr">Laurent.descamps@meteo.fr</a>
64	Multi-sources QPE re-analyses and their introduction in hydrological models: elaboration of an informative database for hydrologic and climatologic studies and a powerful tool for hydrological ensemble predictions. Moulin, L. (1,2), Tabary, P. (2), Andréassian, V. (1), Gueguen, C. (2), Laurantin, O. (2), Loumagne, C. (1), Parent du Châtelet, J. (3), Soubeyroux, J.-M (4). Météo-France and CEMAGREF <a href="mailto:Laetitia.moulin@gmail.com">Laetitia.moulin@gmail.com</a>