The SAFRANâ€ISBAâ€MODCOU hydrometeorological r

Citation Report

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1	Evaluation of a mesoscale dispersion modelling tool during the CAPITOUL experiment. Meteorology and Atmospheric Physics, 2008, 102, 263-287.	0.9	10
2	Uncertainties in summer evapotranspiration changes over Europe and implications for regional climate change. Geophysical Research Letters, 2008, 35, .	1.5	71
3	On the Impact of Short-Range Meteorological Forecasts for Ensemble Streamflow Predictions. Journal of Hydrometeorology, 2008, 9, 1301-1317.	0.7	65
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5	Analysis of surface and root-zone soil moisture dynamics with ERS scatterometer and the hydrometeorological model SAFRAN-ISBA-MODCOU at Grand Morin watershed (France). Hydrology and Earth System Sciences, 2008, 12, 1415-1424.	1.9	48
6	Simulating past droughts and associated building damages in France. Hydrology and Earth System Sciences, 2009, 13, 1739-1747.	1.9	52
7	An Intercomparison of ERS-Scat and AMSR-E Soil Moisture Observations with Model Simulations over France. Journal of Hydrometeorology, 2009, 10, 431-447.	0.7	187
8	Application of the coupled model to the Somme river basin. Journal of Hydrology, 2009, 366, 21-34.	2.3	22
9	A comparison of two offâ€line soil analysis schemes for assimilation of screen level observations. Journal of Geophysical Research, 2009, 114, .	3.3	95
10	An EKF assimilation of AMSRâ€E soil moisture into the ISBA land surface scheme. Journal of Geophysical Research, 2009, 114, .	3.3	110
11	Sensitivity of flashâ€flood simulations on the volume, the intensity, and the localization of rainfall in the CÃ©vennesâ€Vivarais region (France). Water Resources Research, 2009, 45, .	1.7	38
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13	Impacts of climate change on the hydrological cycle: Application to France's river basins. IOP Conference Series: Earth and Environmental Science, 2009, 6, 292052.	0.2	0
14	Comparison of three downscaling methods in simulating the impact of climate change on the hydrology of Mediterranean basins. Journal of Hydrology, 2010, 383, 111-124.	2.3	157
15	Statistical downscaling of river flows. Journal of Hydrology, 2010, 385, 279-291.	2.3	109
16	The use of distributed hydrological models for the Gard 2002 flash flood event: Analysis of associated hydrological processes. Journal of Hydrology, 2010, 394, 162-181.	2.3	70
17	Assessment of initial soil moisture conditions for event-based rainfallâ€"runoff modelling. Journal of Hydrology, 2010, 387, 176-187.	2.3	179
18	Benefit of coupling the ISBA land surface model with a TOPMODEL hydrological model version dedicated to Mediterranean flash-floods. Journal of Hydrology, 2010, 394, 256-266.	2.3	53

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19	Sensitivity of the hydrological response to the variability of rainfall fields and soils for the Gard 2002 flash-flood event. Journal of Hydrology, 2010, 394, 134-147.	2.3	68
23	A 50-year high-resolution atmospheric reanalysis over France with the Safran system. International Journal of Climatology, 2010, 30, 1627-1644.	1.5	455
24	Multi-model comparison of a major flood in the groundwater-fed basin of the Somme River (France). Hydrology and Earth System Sciences, 2010, 14, 99-117.	1.9	40
25	Monitoring of water and carbon fluxes using a land data assimilation system: a case study for southwestern France. Hydrology and Earth System Sciences, 2010, 14, 1109-1124.	1.9	73
26	Cross-evaluation of modelled and remotely sensed surface soil moisture with in situ data in southwestern France. Hydrology and Earth System Sciences, 2010, 14, 2177-2191.	1.9	95
27	A past discharge assimilation system for ensemble streamflow forecasts over France â€" Part 2: Impact on the ensemble streamflow forecasts. Hydrology and Earth System Sciences, 2010, 14, 1639-1653.	1.9	48
28	A past discharges assimilation system for ensemble streamflow forecasts over France â€" Part 1: Description and validation of the assimilation system. Hydrology and Earth System Sciences, 2010, 14, 1623-1637.	1.9	65
29	Utilisation de mesures in situ dâ€™humiditÃ© des sols pour lâ€™Ã©valuation des produits satellitaires micro-ondes dans le Sud-Ouest de la France. Houille Blanche, 2010, 96, 120-126.	0.3	1
30	Coupling the ISBA Land Surface Model and the TOPMODEL Hydrological Model for Mediterranean Flash-Flood Forecasting: Description, Calibration, and Validation. Journal of Hydrometeorology, 2010, 11, 315-333.	0.7	42
31	Evaluation of snow cover and depth simulated by a land surface model using detailed regional snow observations from Austria. Journal of Geophysical Research, 2010, 115, .	3.3	19
32	Analyses of precipitation, temperature and evapotranspiration in a French Mediterranean region in the context of climate change. Comptes Rendus - Geoscience, 2010, 342, .	0.4	154
33	Regional-scale evaluation of a land surface scheme from atmospheric boundary layer observations. Journal of Geophysical Research, 2011, 116, .	3.3	16
34	Impact of the use of a CO_2 responsive land surface model in simulating the effect of climate change on the hydrology of French Mediterranean basins. Natural Hazards and Earth System Sciences, 2011, 11, 2803-2816.	1.5	12
35	A physically-based parsimonious hydrological model for flash floods in Mediterranean catchments. Natural Hazards and Earth System Sciences, 2011, 11, 2567-2582.	1.5	56
36	Assimilation of ASCAT near-surface soil moisture into the SIM hydrological model over France. Hydrology and Earth System Sciences, 2011, 15, 3829-3841.	1.9	119
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38	Impact of rainfall spatial distribution on rainfall-runoff modelling efficiency and initial soil moisture conditions estimation. Natural Hazards and Earth System Sciences, 2011, 11, 157-170.	1.5	63
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41	A first assessment of the SMOS data in southwestern France using in situ and airborne soil moisture estimates: The CAROLS airborne campaign. Remote Sensing of Environment, 2011, 115, 2718-2728.	4.6	59
43	A Simple Groundwater Scheme for Hydrological and Climate Applications: Description and Offline Evaluation over France. Journal of Hydrometeorology, 2012, 13, 1149-1171.	0.7	40
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46	The detailed snowpack scheme Crocus and its implementation in SURFEX v7.2. Geoscientific Model Development, 2012, 5, 773-791.	1.3	459
47	Revisiting the 1979 St. Elias, Alaska, Aftershock Sequence and Its Regional Significance. Bulletin of the Seismological Society of America, 2012, 102, 2392-2404.	1.1	7
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51	Evolution of spatio-temporal drought characteristics: validation, projections and effect of adaptation scenarios. Hydrology and Earth System Sciences, 2012, 16, 2935-2955.	1.9	62
52	Predictability of soil moisture and river flows over France for the spring season. Hydrology and Earth System Sciences, 2012, 16, 201-216.	1.9	35
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54	How much can air conditioning increase air temperatures for a city like Paris, France?. International Journal of Climatology, 2013, 33, 210-227.	1.5	137
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57	Impact of climate change on the hydrogeology of two basins in northern France. Climatic Change, 2013, 121, 771-785.	1.7	48
58	Statistical Downscaling of River Runoff in a Semi Arid Catchment. Water Resources Management, 2013, 27, 117-136.	1.9	29
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61	Regional-scale river flow modeling using off-the-shelf runoff products, thousands of mapped rivers and hundreds of stream flow gauges. Environmental Modelling and Software, 2013, 42, 116-132.	1.9	39
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67	Quels impacts des changements climatiques sur les eaux de surface en France Ã lâ€™horizon 2070 ?. Houille Blanche, 2013, 99, 5-15.	0.3	51
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