

Artículos del personal de AEMET en revistas científicas - 2020

AUTOR	TÍTULO	PUBLICACIÓN
Almela, Pablo; González Herrero, Sergi	Are Antarctic Specially Protected Areas safe from plastic pollution? a survey of plastic litter at Byers Peninsula, Livingston Island, Antarctica	Advances in Polar Science. 2020, 31(4), p. 284-290 doi: 10.13679/j.advps.2020.0029
Vegas Cañas, Cristina; González Rouco, J. Fidel; Navarro, Jorge; García Bustamante, Elena ... Rodríguez Camino, Ernesto; Chazarra, Andrés ... etc.	An assessment of observed and simulated temperature variability in Sierra de Guadarrama	Atmosphere. 2020, 11(9), 985 doi: 10.3390/atmos11090985
Díaz Fernández, Javier; Quitián Hernández, Lara; Bolgiani, Pedro; Santos Muñoz, Daniel; García Gago, Ángel; Fernández-González, Sergio ... etc.	Mountain waves analysis in the vicinity of the Madrid-Barajas Airport using the WRF model	Advances in Meteorology. 2020, p. 1-17 doi: 10.1155/2020/8871546
Lakkala, Kaisa ... García Cabrera, Rosa Delia; Gröbner, Julian ... León-Luis, Sergio F. ; Lindfors, Anders V.; Metzger, Jean-Marc; Minvielle, Fanny ... Redondas, Alberto etc.	Validation of the TROPOspheric Monitoring Instrument (TROPOMI) surface UV radiation product	Atmospheric Measurement Techniques. 2020, 13(12), p. 6999-7024 doi: 10.5194/amt-13-6999-2020

García Rodríguez, Omaira Elena; Schneider, Matthias; Ertl, Benjamin; Sepúlveda Hernández, Eliezer; Borger, Christian ... Cansado, Alberto; Aullé, M.	Monitorización de las concentraciones atmosféricas de metano y óxido nitroso a partir del Metop/IASI	Revista de Teledetección. 2020, 57, p. 1-11 doi: 10.4995/raet.2020.13290
González Herrero, Sergi	The weather of the Blue Marble	Weather. 2020, 75(11), p. 366-367 doi: 10.1002/wea.3831
García-Benadi, Albert; Bech, Joan; González Herrero, Sergi; Udina, Mireia; Codina, B.; Georgis, Jean-François	Precipitation type classification of micro rain radar data using an improved doppler spectral processing methodology	Remote Sensing. 2020, 12(24), 4113 doi: 10.3390/rs12244113
Smith, Craig D.; Ross, Amber; Kochendorfer, John; Earle, Michael E.; Wolff, Mareile; Buisán, Samuel ... etc.	Evaluation of the WMO Solid Precipitation Intercomparison Experiment (SPICE) transfer functions for adjusting the wind bias in solid precipitation measurements	Hydrology and Earth System Sciences. 2020, 24(8), p. 4025-4043 doi: 10.5194/hess-24-4025-2020
Rodríguez, Oriol; Bech, Joan; Soriano Romero, Juan de Dios; Gutiérrez Rubio, Delia; Castan, Salvador	A methodology to conduct wind damage field surveys for high-impact weather events of convective origin	Natural Hazards and Earth System Sciences. 2020, 20(5), p. 1513-1531 doi: 10.5194/nhess-20-1513-2020
Ramonet, M.; Ciais, P.; Apadula, F. ... Cuevas, E. etc.	The fingerprint of the summer 2018 drought in Europe on ground-based atmospheric CO2 measurements	Philosophical Transactions of the Royal Society B. 2020, 375(1810) doi: 10.1098/rstb.2019.0513

Román, Roberto; González, Ramiro; Toledano, Carlos; Barreto, África; Pérez Ramírez, D.; Benavent Oltra, J.A.; Olmo Reyes, Francisco José; Cachorro, Victoria E.; Alados-Arboledas, Lucas; Frutos, Ángel M. de	Correction of a lunar-irradiance model for aerosol optical depth retrieval and comparison with a star photometer	Atmospheric Measurement Techniques. 2020, 13(11), p. 6293–6310 doi: 10.5194/amt-13-6293-2020
Smith, Robert Kennedy; Guijarro, José Antonio; Chang, Der-Chen	Utilizing homogenized observation records and reconstructed time series data to estimate recent trends in Mid-Atlantic soil moisture scarcity	Theoretical and Applied Climatology. 2020 doi: 10.1007/s00704-020-03467-y
González, Ramiro; Toledano, Carlos; Román, Roberto; Fuertes, David; Berjón, Alberto; Mateos, David; Guirado-Fuentes, Carmen ... etc.	Daytime and nighttime aerosol optical depth implementation in CÆLIS	Geoscientific Instrumentation, Methods and Data Systems. 2020, 9(2), p. 417–433 doi: 10.5194/gi-9-417-2020
Dogniaux, Matthieu; Crevoisier, Cyril; Armante, Raymond; Capelle, Virginie; Delahaye, Thibault; Cassé, Vincent; Mazière, Martine de; Deutscher, Nicholas Michael; Feist, Dietrich G.; García Rodríguez, Omaira Elena; Griffith, David W. T.; Hase, Frank; Iraci, Laura; Kivi, Rigel; Morino, Isamu; Notholt, Justus; Pollard, David; Roehl, Coleen M.; Shiomi, Kei ... etc.	The Adaptable 4A Inversion (5AI): Description and first XCO₂ retrievals from OCO-2 observations [Discussion paper]	Atmospheric Measurement Techniques Discussions. 2020 doi: 10.5194/amt-2020-403

Skrynyka, Oleg; Aguilar, Enric; Guijarro, José Antonio; Randriamarolaza, Luc Yannick Andréas; Bubin, Sergiy	Uncertainty evaluation of Climatol's adjustment algorithm applied to daily air temperature time series	International Journal of Climatology . 2020 doi: 10.1002/joc.6854
González Herrero, Sergi; Callado, Alfons; Martínez Sánchez, Mauricia; Elvira Montejo, Benito	The AEMET-γSREPS over the Antarctic Peninsula and the impact of kilometeric-resolution EPS on logistic activities on the continent	Advances in Science and Research . 2020, 17, p. 209-217 doi: 10.5194/asr-17-209-2020
Amblar, María Pilar; Ramos Calzado, Petra; Sanchis Lladó, Jorge; Hernanz Lázaro, Alfonso; Peral-García, María C.; Navascués, Beatriz; Domínguez Alonso, Marta; Pastor Saavedra, María Asunción; Rodríguez Camino, Ernesto	High resolution climate change projections for the Pyrenees region	Advances in Science and Research . 2020, 17, p. 191-208 doi: 10.5194/asr-17-191-2020
Barreto, África; García Rodríguez, Omaira Elena; Schneider, Matthias; García Cabrera, Rosa Delia; Hase, Frank; Sepúlveda Hernández, Eliezer; Almansa Rodríguez, Antonio F.; Cuevas Agulló, Emilio; Blumenstock, Thomas	Spectral Aerosol Optical Depth retrievals by ground-based Fourier Transform Infrared spectrometry	Remote Sensing . 2020, 12(19), 3148 doi: 10.3390/rs12193148
Laj, Paolo; Bigi, Alessandro; Rose, Clémence ... Prats Porta, Natalia ... etc.	A global analysis of climate-relevant aerosol properties retrieved from the network of Global Atmosphere Watch (GAW) near-surface observatories	Atmospheric Measurement Techniques . 2020, 13(8), p. 4353–4392 doi: 10.5194/amt-13-4353-2020

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Bolgiani, Pedro; Santos Muñoz, Daniel; Fernández-González, Sergio; Sastre, Mariano; Valero, Francisco; Martín, María Luisa	Microburst detection with the WRF model: effective resolution and forecasting indices	Journal of Geophysical Research: Atmospheres. 2020, 125(14), p. 1-13 doi:10.1029/2020JD032883
Madonna, Fabio; Kivi, Rigel; Dupont, Jean-Charles; Ingleby, Bruce; Fujiwara, Masatomo; Romanens, Gonzague; Hernández Martínez de la Peña, Miguel; Calbet, Xavier; Rosoldi, Marco; Giunta, Aldo; Karppinen, Tomi; Iwabuchi, Masami; Hoshino, Shunsuke; Rohden, C. v.; Thorne, P. W.	Use of automatic radiosonde launchers to measure temperature and humidity profiles from the GRUAN perspective	Atmospheric Measurement Techniques. 2020, 13(7), p. 3621-3649 doi: 10.5194/amt-13-3621-2020

Vicente Serrano, Sergio Martín; Domínguez Castro, Fernando; Murphy, C.; Hannaford, J.; Reig, Fergus; Peña-Angulo, D.; Tramblay, Yves; Trigo, R. M.; MacDonald, N.; Luna Rico, Yolanda; McCarthy, M.; Van der Schrier, G.; Turco, Marco; Camuffo, D.; Noguera, I.; García-Herrera, Ricardo; Becherini, F.; della Valle, A.; Tomas Burguera, Miquel; El-Kenawy, Ahmed	Long-term variability and trends in meteorological droughts in Western Europe (1851-2018)	International Journal of Climatology. 2020 doi: 10.1002/joc.6719
Meseguer, Óliver; Cortesi, Nicola; Guijarro, José Antonio; Sarricolea, Pablo	Weather regimes linked to daily precipitation anomalies in Northern Chile	Atmospheric Research. 2020, 236, p. 104802 doi: 10.1016/j.atmosres.2019.104802
Navarro-Serrano, F.; López Moreno, Juan Ignacio; Azorín Molina, César; Alonso-González, E.; Aznárez-Balta, M.; Buisán, Samuel; Revuelto, Jesús	Elevation effects on air temperature in a topographically complex mountain valley in the Spanish Pyrenees	Atmosphere. 2020, 11(6), 656 doi: 10.3390/atmos11060656
Follos Pliego, F.; Linares Gil, C.; Vellón Graña, J.M.; López Bueno, J.A.; Luna Rico, M.Y.; Sánchez Martínez, G.; Díaz Jiménez, J.	Evolución de la temperatura de mínima mortalidad en Madrid y Sevilla en el periodo 1983-2018	Revista de salud ambiental. 2020, 20(1), p.14-20

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Pablo Dávila, Fernando de; Rivas Soriano, Luis; Mora García, Manuel Antonio; González Zamora, A.	Characterisation of snowfall events in the northern Iberian Peninsula and the synoptic classification of heavy episodes (1988-2018)	International Journal of Climatology. 2020 doi: 10.1002/joc.6646
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Malderen, Roeland van; Pottiaux, E.; Klos, A.; Domonkos, Peter; Elias, M.; Ning, T.; Bock, Olivier; Guijarro, José Antonio; Alshawaf, F.; Hoseini, M.; Quarello, A.; Lebarbier, Emilie; Chimani, B.; Tornatore, V.; Zengin Kazancı, S.; Bogusz, J.	Homogenizing GPS integrated water vapor time series: benchmarking break detection methods on synthetic data sets	Earth and Space Science. 2020, 7(5) doi: 10.1029/2020EA001121

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Joni-Pekka; Prein, Andreas F. (...)

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