

INDEXADAS (11)

Partial asynchrony of coniferous forest carbon sources and sinks at the intra-annual time scale

Silvestro, Roberto; Mencuccini, Maurizio; García-Valdés, Raúl; Antonucci, Serena; Arzac, Alberto; Biondi, Franco; Buttò, Valentina; Camarero, J. Julio; Campelo, Filipe; Cochard, Hervé; Cufar, Katarina; Cuny, Henri E.; **Luis Arrillaga, Martín de**; Deslauriers, Annie; Drolet, Guillaume; Fonti, Marina V.; Fonti, Patrick; Giovannelli, Alessio; Gricar, Jožica; Gruber, Andreas; Gryc, Vladimír;

Guerrieri, Rossella; Güney, Aylin; Guo, Xiali; Huang, Jian-Guo; Jyske, Tuula; Kačpar, Jakub; Kirilyanov, Alexander V.; Klein, Tamir; Lemay, Audrey; Li, Xiaoxia; Liang, Eryuan; Lintunen, Anna; Liu, Feng; Lombardi, Fabio; Ma, Qianqian; Mäkinen, Harri; Malik, Rayees A.; Martínez del Castillo, Edurne; Martínez-Vilalta, Jordi; Mayr, Stefan; Morin, Hubert; Nabais, Cristina; Nöjd, Pekka; Oberhuber, Walter; Olano, José M.; Ouimet, Andrew P.; Paljakka, Teemu V. S.; Peltoniemi, Mikko; Peters, Richard L.; Ren, Ping; Prislán, Peter; Rathgeber, Cyrille B. K.; Sala, Anna; Saracino, Antonio; Saulino, Luigi; Schiestl-Aalto, Piia; Shishov, Vladimir V.; Stokes, Alexia; Sukumar, Raman; Sylvain, Jean-Daniel; Tognetti, Roberto; Trembl, Václav; Urban, Josef; Vavřík, Hanuš; Vieira, Joana; von Arx, Georg; Wang, Yan; Yang, Bao; Zeng, Qiao; Zhang, Shaokang; Ziaco, Emanuele; Rossi, Sergio

NATURE COMMUNICATIONS, vol. 15, nº. 1, pág. 6169 [12 pp.]

Factor de impacto : WOS 14.7

No future growth enhancement expected at the northern edge for european beech due to continued water limitation

Klesse, Stefan; Peters, Richard L.; Alfaro-Sánchez, Raquel; Badeau, Vincent; Baittinger, Claudia; Battipaglia, Giovanna; Bert, Didier; Biondi, Franco; Bosela, Michal; Budeanu, Marius; Cada, Vojtech; Camarero, J. Julio; Cavin, Liam; Claessens, Hugues; Cretan, Ana-Maria; Cufar, Katarina; Luis, Martín de; Dorado-Liñán, Isabel; Dulamsuren, Choimaa; Espelta, Josep Maria; Garamszegi, Balázs; Grabner, Michael; Gricar, Jožica; Hacket-Pain, Andrew; Hansen, Jon Kehlet; Hartl, Claudia; Hevia, Andrea; Hobi, Martina; Janda, Pavel; Jump, Alistair S.; Kačpar, Jakub; Kazimirovic, Marko; Keren, Srdjan; Kreyling, Juergen; Land, Alexander; Latte, Nicolas; Lebourgeois, François; Leuschner, Christoph; Lévesque, Mathieu; Longares, Luis A.; del Castillo, Edurne Martínez; Menzel, Annette; Merela, Maks; Mikolá, Martin; Motta, Renzo; Muffler, Lena; Neycken, Anna; Nola, Paola; Panayotov, Momchil; Petritan, Any Mary; Petritan, Ion Catalin; Popa, Ionel; Prislán, Peter; Levanic, Tom; Roibu, Catalin-Constantin; Rubio-Cuadrado, Álvaro; Sánchez-Salguero, Raúl;

Šamonil, Pavel; Stajic, Branko; Svoboda, Miroslav; Tognetti, Roberto; Toromani, Elvin; Trotsiuk, Volodymyr; van der Maaten, Ernst; van der Maaten-Theunissen, Marieke; Vannoppen, Astrid; Vaňčková, Ivana; von Arx, Georg; Wilmking, Martin; Weigel, Robert; Zlatanov, Tzvetan; Zang, Christian; Buras, Allan

GLOBAL CHANGE BIOLOGY, vol. 30, nº 10, pág. e17546 [16 pp.]

Factor de impacto : 10.8

Contrasting future growth of Norway spruce and scots pine forests under warming climate

Martínez del Castillo, Edurne; Torbenson, Max C. A.; Reinig, Frederick; Tejedor, Ernesto; **de Luis, Martín**; Esper, Jan

GLOBAL CHANGE BIOLOGY, vol. 30, nº11, pág. e17580 [13 pp.]

Factor de impacto WOS : 10.8

Recent heatwaves as a prelude to climate extremes in the western Mediterranean region

Tejedor, Ernesto; Benito, Gerardo; **Serrano-Notivol, Roberto**; González-Rouco, Fidel; Esper, Jan; Büntgen, Ulf

NPJ CLIMATE AND ATMOSPHERIC SCIENCE, vol. 7, nº. 218, pág. [77 pp.]

Factor de impacto WOS : 8.5

Climate of the Pyrenees: Extremes indices and long-term trends

Cuadrat, José María; Serrano-Notivol, Roberto; Prohom, Marc; Cunillera, Jordi; Tejedor, Ernesto; **Saz, Miguel Ángel; Luis, Martín de**; Labrés-Brustenga, Alba; Soubeyroux, Jean-Michel

SCIENCE OF THE TOTAL ENVIRONMENT, vol. 933, pág. 173052 [12 pp.]

Factor de impacto WOS : 8.2

Identifying drivers of non-stationary climate-growth relationships of European beech

Leifsson, Christopher; Buras, Allan; Klesse, Stefan; Baittinger, Claudia; Bat-Enerel, Banzragch; Battipaglia, Giovanna; Biondi, Franco; Stajic, Branko; Budeanu, Marius; Cada, Vojtech; Cavin, Liam; Claessens, Hugues; Cufar, Katarina; Luis, Martin de; Dorado-Liñán, Isabel; Dulamsuren, Choimaa; Garamszegi, Balázs; Grabner, Michael; Hacket-Pain, Andrew; Hansen, Jon Kehlet; Hartl, Claudia; Huang, Weiwei; Janda, Pavel; Jump, Alistair S.; Kazimirovic, Marko; Knutzen, Florian; Kreyling, Jürgen; Land, Alexander; Latte, Nicolas; Lebourgeois, François; Leuschner, Christoph; **Longares, Luis A.**; Martinez del Castillo, Edurne; Menzel, Annette; Motta, Renzo; Muffler-Weigel, Lena; Nola, Paola; Panayotov, Momchil; Petritan, Any Mary; Petritan, Ion Catalin; Popa, Ionel; Roibu, Catalin-Constantin; Rubio-Cuadrado, Álvaro; Rydval, Miloš; Scharnweber, Tobias; Camarero, J. Julio; Svoboda, Miroslav; Toromani, Elvin; Trotsiuk, Volodymyr; van der Maaten- Theunissen, Marieke; van der Maaten, Ernst; Weigel, Robert; Wilmking, Martin; Zlatanov, Tzvetan; Rammig, Anja; Zang, Christian S.

SCIENCE OF THE TOTAL ENVIRONMENT, vol. 937, pág. 173321 [14 pp.]

Factor de impacto WOS : 8.2

The 2022 record-high heat waves over southwestern Europe and their underlying mechanism

Kim, Jeong-Hun; Nam, So-Hyun; Kim, Maeng-Ki; **Serrano-Notivoli, Roberto**; Tejedor, Ernesto

WEATHER AND CLIMATE EXTREMES, vol. 46, pág. 100729 [12 pp.]

Factor de impacto WOS: 6.1

Attribution of the unprecedented heat event of August 2023 in Barcelona (Spain) to observed and projected global warming

Lemus-Canovas, Marc; Montesinos-Ciuró, Eduard; Cearreta-Innocenti, Tania; **Serrano-Notivoli, Roberto**; Royé, Dominic

URBAN CLIMATE, vol. 56, pág. 102019 [14 pp.]

Factor de impacto WOS: 6.0

Agricultural land abandonment linked to pipe collapse and gully development: Reconstruction from archival SfM and LiDAR datasets

Llena, M.; Carreras, S.; Bernatek-Jakiel, A.; **Ollero, A.**; Nadal-Romero, E. GEODERMA, vol. 449, pág. 116995 [15 pp.]

Factor de impacto WOS : 5.6

Effect of LULC Changes on Annual Water Yield in the Urban Section of the Chili River, Arequipa, Using the InVEST Model

Carrasco-Valencia, Lorenzo; Vilca-Campana, Karla; Iruri-Ramos, Carla; Cárdenas-Pillco, Berly;

Ollero, Alfredo; Chanove-Manrique, Andrea WATER (Switzerland), vol. 16, n°5, pág. 664 [17 pp.]

Factor de impacto WOS :3.0

General dry trends according to the standardized precipitation evapotranspiration index in mainland Chile

Meseguer-Ruiz, Oliver; **Serrano-Notivoli, Roberto**; Núñez-Hidalgo, Ignacio; Sarricolea, Pablo

FRONTIERS IN EARTH SCIENCE, vol. 12,pág. 1355443 [10 pp.]

Factor de impacto WOS: 2.0

NO INDEXADAS (8)

Comparing SPI and SPEI to detect different precipitation and temperature regimes in Chile throughout the last four decades.

Meseguer-Ruiz, O., **Serrano-Notivoli, R.**, Aránguiz-Acuña, A., Fuentealba, M., Núñez-Hidalgo, I., Sarricolea, P., Garreaud, R.

Atmospheric Research, 297: 107085. <https://doi.org/10.1016/j.atmosres.2023.107085>

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Tendencias de cambio de usos y coberturas de suelo en la cuenca hidrográfica media-alta del río Mira en Ecuador

Arias-Muñoz, Paúl; Saz, Miguel Ángel; Escolano, Severino
INVESTIGACIONES GEOGRAFICAS (Spain), nº 81, pág. 155-179

High preseason temperature variability drives convergence of xylem phenology in the Northern Hemisphere conifers.

Zhang, Y., Huang, J.G., Wang, M., Wang, W., Deslauriers, A., Fonti, P., Liang, E., Mäkinen, H., Oberhuber, W., Rathgeber, C.B.K., Tognetti, R., Treml, V., Yang, B., Zhai, L., Antonucci, S., Buttò, V., Camarero, J.J., Campelo, F., Čufar, K., De Luis, M., Fajstavr, M., Giovannelli, A., Gričar, J., Gruber, A., Gryc, V., Güney, A., Jyske, T., Kašpar, J., King, G., Krause, C., Lemay, A., Lombardi, E., Del Castillo, E.M., Morin, H., Nabais, C., Nöjd, P., Peters, R.L., Prislan, P., Saracino, A., Shishov, V.V., Swidrak, I., Vavřík, H., Vieira, J., Zeng, Q., Rossi, S. (2024) Current Biology. Mar 25;34(6):1161-1167.e3. <https://doi.org/10.1016/j.cub.2024.01.039>.

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Saz Sanchez, Miguel Ángel.

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Ollero, A., Albero, L., Boné, P., Díaz-Morlán, J., Pirchi, V.N., Marchioro, E.

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