

Liste des publications 2018 de l'Observatoire OSR Sud-Ouest

Ameline, M., Fieuzal, R., Betbeder, J., Berthoumieu, J.-F. and Baup, F.: Estimation of Corn Yield by Assimilating SAR and Optical Time Series Into a Simplified Agro-Meteorological Model: From Diagnostic to Forecast, IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 11(12), 4747–4760, <https://doi.org/10.1109/JSTARS.2018.2878502>, 2018.

Boulet, G., Delogu, E., Saadi, S., Chebbi, W., Olioso, A., Mougenot, B., Fanise, P., Lili-Chabaane, Z. and Lagouarde, J.-P.: Evapotranspiration and evaporation/transpiration partitioning with dual source energy balance models in agricultural lands, Proceedings of the International Association of Hydrological Sciences, 380, 17–22, <https://doi.org/10.5194/piahs-380-17-2018>, 2018.

Burel, E.: Modélisation des hétérogénéités de la réserve utile et du développement des cultures au sein d'un sous-bassin versant en Midi-Pyrénées, PhD Thesis
<http://www.theses.fr/2018TOU30336/document>, 2018.

Carrer, D., Pique, G., Ferlicoq, M., Ceamanos, X. and Ceschia, E.: What is the potential of cropland albedo management in the fight against global warming? A case study based on the use of cover crops, Environmental Research Letters, 13(4), 044030, <https://doi.org/10.1088/1748-9326/aab650>, 2018.

Dedieu, G., Hagolle, O., Karnieli, A., Ferrier, P., Crebassol, P., Gamet, P., Desjardins, C., Yakov, M., Cohen, M. and Hayun, E.: VENµS: PERFORMANCES AND FIRST RESULTS AFTER 11 MONTHS IN ORBIT, in IGARSS 2018 - 2018 IEEE International Geoscience and Remote Sensing Symposium, pp. 7756–7759, IEEE, Valencia, <https://doi.org/10.1109/IGARSS.2018.8519207>, , 2018.

Delogu, E., Boulet, G., Olioso, A., Garrigues, S., Brut, A., Tallec, T., Demarty, J., Soudani, K. and Lagouarde, J.-P.: Evaluation of the SPARSE Dual-Source Model for Predicting Water Stress and Evapotranspiration from Thermal Infrared Data over Multiple Crops and Climates, Remote Sensing, 10(11), 1806, <https://doi.org/10.3390/rs10111806>, 2018.

Demarez, V.: Modélisation du fonctionnement hydrique des cultures à l'échelle du territoire., HDR, 2018.

Franz, D., Acosta, M., Altimir, N., Arriga, N., Arrouays, D., Aubinet, M., Aurela, M., Ayres, E., López-Ballesteros, A., Barbaste, M., Berveiller, D., Biraud, S., Boukir, H., Brown, T., Brümmer, C., Buchmann, N., Burba, G., Carrara, A., Cescatti, A., Ceschia, E., Clement, R., Cremonese, E., Crill, P., Darenova, E., Dengel, S., D'Odorico, P., Filippa, G., Fleck, S., Fratini, G., Fuß, R., Gielen, B., Gogo, S., Grace, J., Graf, A., Grelle, A., Gross, P., Grünwald, T., Haapanala, S., Hehn, M., Heinesch, B., Heiskanen, J., Herbst, M., Herschlein, C., Hörtnagl, L., Hufkens, K., Ibrom, A., Jolivet, C., Joly, L., Jones, M., Kiese, R., Klemedtsson, L., Kljun, N., Klumpp, K., Kolari, P., Kolle, O., Kowalski, A., Kutsch, W., Laurila, T., de Ligne, A., Linder, S., Lindroth, A., Lohila, A., Longdoz, B., Mammarella, I., Manise, T., Jiménez, S. M., Matteucci, G., Mauder, M., Meier, P., Merbold, L., Mereu, S., Metzger, S., Migliavacca, M., Mölder, M., Montagnani, L., Moureaux, C., Nelson, D., Nemitz, E., Nicolini, G., Nilsson, M. B., de Beeck, M. O., Osborne, B., Löfvenius, M. O., Pavelka, M., Peichl, M., Peltola, O., Pihlatie, M., Pitacco, A., Pokorný, R., Pumpanen, J., Ratié, C., Rebmann, C., Roland, M., Sabbatini, S., Saby, N. P. A., Saunders, M.,

Schmid, H. P., Schrumpf, M., Sedlák, P., et al.: Towards long-term standardised carbon and greenhouse gas observations for monitoring Europe's terrestrial ecosystems: a review, International Agrophysics, 32(4), 439–455, <https://doi.org/10.1515/intag-2017-0039>, 2018.

Gaillardet, J., Braud, I., Hankard, F., Anquetin, S., Bour, O., Dorfliger, N., de Dreuzy, J. R., Galle, S., Galy, C., Gogo, S., Gourcy, L., Habets, F., Laggoun, F., Longuevergne, L., Le Borgne, T., Naaim-Bouvet, F., Nord, G., Simonneaux, V., Six, D., Tallec, T., Valentin, C., Abril, G., Allemand, P., Arènes, A., Arfib, B., Arnaud, L., Arnaud, N., Arnaud, P., Audry, S., Comte, V. B., Batiot, C., Battais, A., Bellot, H., Bernard, E., Bertrand, C., Bessière, H., Binet, S., Bodin, J., Bodin, X., Boithias, L., Bouchez, J., Boudevillain, B., Moussa, I. B., Branger, F., Braun, J. J., Brunet, P., Caceres, B., Calmels, D., Cappelaere, B., Celle-Jeanton, H., Chabaux, F., Chalikakis, K., Champollion, C., Copard, Y., Cotel, C., Davy, P., Deline, P., Delrieu, G., Demarty, J., Dessert, C., Dumont, M., Emblanch, C., Ezzahar, J., Estèves, M., Favier, V., Faucheu, M., Filizola, N., Flammarion, P., Floury, P., Fovet, O., Fournier, M., Francez, A. J., Gandois, L., Gascuel, C., Gayer, E., Genthon, C., Gérard, M. F., Gilbert, D., Gouttevin, I., Grippa, M., Gruau, G., Jardani, A., Jeanneau, L., Join, J. L., Jourde, H., Karbou, F., Labat, D., Lagadeuc, Y., Lajeunesse, E., Lastennet, R., Lavado, W., Lawin, E., Lebel, T., Le Bouteiller, C., Legout, C., Lejeune, Y., Le Meur, E., Le Moigne, N., Lions, J., et al.: OZCAR: The French Network of Critical Zone Observatories, Vadose Zone Journal, 17(1), 180067, <https://doi.org/10.2136/vzj2018.04.0067>, 2018.

Gascoin, S. and René, P.: Évolution récente des glaciers du Vignemale (2013-2017), Pirineos, 173, 037, <https://doi.org/10.3989/pirineos.2018.173004>, 2018.

Gielen, B., Acosta, M., Altimir, N., Buchmann, N., Cescatti, A., Ceschia, E., Fleck, S., Hörtnagl, L., Klumpp, K., Kolari, P., Lohila, A., Loustau, D., Marañón-Jiménez, S., Manise, T., Matteucci, G., Merbold, L., Metzger, C., Moureaux, C., Montagnani, L., Nilsson, M. B., Osborne, B., Papale, D., Pavelka, M., Saunders, M., Simioni, G., Soudani, K., Sonnentag, O., Tallec, T., Tuittila, E.-S., Peichl, M., Pokorny, R., Vincke, C. and Wohlfahrt, G.: Ancillary vegetation measurements at ICOS ecosystem stations, International Agrophysics, 32(4), 645–664, <https://doi.org/10.1515/intag-2017-0048>, 2018.

Grimaldi, J.: Quel est l'apport de l'agroforesterie face au risque climatique ? Une approche parcellaire et paysagère des trames arborées, PhD Thesis, 2018.

Masson, T., Dumont, M., Mura, M., Sirguey, P., Gascoin, S., Dedieu, J.-P. and Chanussot, J.: An Assessment of Existing Methodologies to Retrieve Snow Cover Fraction from MODIS Data, Remote Sensing, 10(4), 619, <https://doi.org/10.3390/rs10040619>, 2018.

Roujean, J.-L., Olioso, A., Ceschia, E., Hagolle, O. and Weiss, M.: A Surface Albedo Product at High Spatial Resolution from a Combination of Sentinel-2 and Landsat-8 Observations, in IGARSS 2018 - 2018 IEEE International Geoscience and Remote Sensing Symposium, pp. 8169–8172, IEEE, Valencia, <https://doi.org/10.1109/IGARSS.2018.8517279>, , 2018.

Satalino, G., Mattia, F., Balenzano, A., Lovergne, F. P., Rinaldi, M., De Santis, A. P., Ruggieri, S., Nafria Garcia, D. A., Gomez, V. P., Ceschia, E., Planells, M., Toan, T. L., Ruiz, A. and Moreno, J. F.: Sentinel-1 & Sentinel-2 Data for Soil Tillage Change Detection, in IGARSS 2018 - 2018 IEEE International Geoscience and Remote Sensing Symposium, pp. 6627–6630, IEEE, Valencia, <https://doi.org/10.1109/IGARSS.2018.8519103>, , 2018.

Saunders, M., Dengel, S., Kolari, P., Moureaux, C., Montagnani, L., Ceschia, E., Altimir, N., López-Ballesteros, A., Maraón-Jimenez, S., Acosta, M., Klumpp, K., Gielen, B., de Beeck, M. O., Hörtnagl, L., Merbold, L., Osborne, B., Grünwald, T., Arrouays, D., Boukir, H., Saby, N., Nicolini, G., Papale, D. and Jones, M.: Importance of reporting ancillary site characteristics, and management and disturbance information at ICOS stations, *International Agrophysics*, 32(4), 457–469,
<https://doi.org/10.1515/intag-2017-0040>, 2018.

Tallec, T., Siere, C. M. and Fieuza, R.: Towards an Improved Inventory of N₂O Emissions Using Land Cover Maps Derived from Optical Remote Sensing Images, in *IGARSS 2018 - 2018 IEEE International Geoscience and Remote Sensing Symposium*, pp. 3007–3010, IEEE, Valencia,
<https://doi.org/10.1109/IGARSS.2018.8519272>, , 2018.

Tribouillois, H., Constantin, J., Willaume, M., Brut, A., Ceschia, E., Tallec, T., Beaudoin, N. and Therond, O.: Predicting water balance of wheat and crop rotations with a simple model: AqYield, *Agricultural and Forest Meteorology*, 262, 412–422,
<https://doi.org/10.1016/j.agrformet.2018.07.026>, 2018.

Zribi, M., Motte, E., Baghdadi, N., Baup, F., Dayau, S., Fanise, P., Guyon, D., Huc, M. and Wigneron, J.: Potential Applications of GNSS-R Observations over Agricultural Areas: Results from the GLORI Airborne Campaign, *Remote Sensing*, 10(8), 1245, <https://doi.org/10.3390/rs10081245>, 2018.