

Conferences

2018

EUMETSAT meteorological satellite conference, 17-21 September 2018, Tallinn, Estonia

Fairbairn D., P. de Rosnay, P. Browne and C. Albergel: "H-SAF root zone soil moisture products"

ECMWF Annual Seminar, Earth System Assimilation, ECMWF, Reading, UK, 10-13 September 2018

Browne P., H. Zuo, P. de Rosnay, E. de Boissésón, M. Chrust, K. Mogensen, M. Balmaseda: Ocean data assimilation for NWP

de Rosnay P., P. Browne, E. de Boissésón, D. Fairbairn, Y. Hirahara, D. Schepers, H. Zuo, H. Hersbach, M. Chrust, E. Hólm, M. Bonavita, M. Dahoui and S. English: "Toward coupled assimilation in operational systems"

Schepers D., E. de Boissésón, R. Buizza, D. Dee, H. Hersbach, P. Laloyaux, P. de Rosnay: Coupled reanalysis at ECMWF

IGARSS 2018, Valencia, 22-26 July 2018

de Rosnay P., N. Rodríguez-Fernández, J. Muñoz -Sabater, C. Albergel, D. Fairbairn, P. Browne, H. Lawrence, L. Isaksen, S. English, C. Prigent, F. Aires, M. Drusch, Y. Kerr, S. Mecklenburg, Oral: "SMOS data assimilation for NWP"

de Rosnay P. et al, oral ESA SMOS special event: "SMOS neural network data assimilation for NWP"

Rodríguez-Fernández, N, P. de Rosnay, C. Albergel, F. Aires, Y. Kerr, M. Drusch, poster "SMOS neural network soil moisture data assimilation"

EGU 2018, Vienna, 8-13 April 2018

Albergel C., Munier S., Dutra E., Muñoz-Sabater J., de Rosnay P., Balsamo G., and Calvet J.-C., oral: "LDAS-Monde sequential assimilation of satellite-derived vegetation and soil moisture products forced by ERA5 ECMWF latest reanalysis applied over North America"

6th International Symposium on Data Assimilation (2018), Munich, 5-9 March 2018

Browne P., P. de Rosnay, H. Zuo; Keynote talk: "Coupled Earth System Assimilation in NWP at ECMWF"

2017

21st International TOVS Study Conference (ITSC-21), EUMETSAT, 29Nov-5Dec 2017

English S., P. Browne, M. Bonavita, M. Chrust, P. de Rosnay, A. Geer, J. Goddard, M. Hamrud, E. Holm, S. Lang, P. Laloyaux, P. Lean, O. Marsden, L. Isaksen, S. Massart, D. Salmond, D. Schepers, poster: "Data Assimilation Methodology developments at ECMWF"

Eresmaa R., D. Schepers, G. De Chiara, C. Lupu, P. Browne, P. de Rosnay, S. English, P. Laloyaux, poster: "Assimilation of satellite data in a coupled ocean-atmosphere system"

C3S conference on reanalysis, Rome, 13-17 November 2017

de Rosnay P., D. Schepers, P. Dahlgren: poster ECMWF land-atmosphere weakly coupled assimilation in CERA-SAT

Baslamo et al.: A road map to Earth System kilometric scale simulations

Schepers D., E. de Boissésón, R. Buizza, G. De Chiara, P. Dahlgren, D. Dee, R. Eresmaa, Y. Kosaka, P. Laloyaux, P. de Rosnay: CERA-SAT: talk on: "coupled reanalysis in the satelli

EUMETSAT conference, Rome, 2-6 October 2017. Fairbairn, de Rosnay et al, poster on H-SAF root zone soil moisture products

7th International WMO Symposium on Data Assimilation - Florianopolis, Brazil, 11-15 September 2017, de Rosnay et al, poster on land data assimilation (presented by P Browne).

4th conference on modelling hydrology, climate and land surface processes, Lillehammer, 12-14 September 2017: de Rosnay et al. Snow data assimilation

EGU 2017, Vienna, 23-28 April 2017

- Muñoz -Sabater J., P. de Rosnay, C. Albergel, and L. Isaksen, poster presentation on "Sensitivity of soil moisture analyses to contrasting background and observation error scenarios"

- de Rosnay P., J. Muñoz-Sabater, C. Albergel, and L. Isaksen, poster presentation on "Comparison between SMOS brightness temperature observations and ECMWF ERA-Interim based brightness temperature"
- de Rosnay P., E. Hölm, M. Bonavita, and S. English, oral highlighted presentation on "Integrated Land Data Assimilation System for Numerical Weather Prediction at the European Center for Medium-Range Weather Forecasts"
- Rodríguez-Fernández N., P. de Rosnay, C. Albergel, F. Aires, C. Prigent, Y. Kerr, P. Richaume, J. Muñoz-Sabater, and M. Drusch, poster presentation on "Assimilation of neural network soil moisture in land surface models"
- Polcher J., A. Barella-Ortiz, M. Piles, E. Gelati, and P. de Rosnay, PICO presentation on "Using SMOS brightness temperature and derived surface-soil moisture to characterize surface conditions and validate land surface models"

EARSeL: de Rosnay et al. Snow data assimilation for NWP", **EARSeL**, Bern, Switzerland, 6-9 February 2017

2016

EUMETSAT conference,

Rodríguez-Fernández N., J. Muñoz-Sabater, P. Richaume, P. de Rosnay, Y. Kerr, C. Albergel, M. Drusch, S. Mecklenburg, poster on "The Soil Moisture and Ocean Salinity (SMOS) near-real-time soil moisture product"

International Symposium on Data Assimilation, Reading University, 18-22 July 2016

Eastern Snow Conference, Ohio State University, 15-16 June 2016

ESA Living Planet Symposium, Prague, 9-13 May 2016

de Rosnay P., C. Albergel, J. Muñoz Sabater, N. Rodríguez Fernández, H. Hersbach, E. Dutra, G. Balsamo, F. Pappenberger, L. Isaksen, S. English, D. Dee, oral presentation on "Review of satellite data usage for soil moisture analyses at ECMWF"

2015

ESA GEWEX conference: Earth Observation for Water Cycle Science (EO4water2015), ESA-ESRIN, Frascati, Italy, 20-23 October 2015

de Rosnay P., J. Muñoz-Sabater, C. Albergel, N. Rodríguez-Fernández, H. Hersbach, L. Isaksen, G. Balsamo, F. Pappenberger and S. English, oral on "Assimilation of land surface satellite data for numerical weather prediction at ECMWF"

Dorigo W., S. Schlaffer, B. Bauer-Marschallinger, C. Albergel, C. Papagiannopoulou, W. Waegeman, M. Depoorter, D. Miralles, N. Verhoest, R. de Jeu and W. Wagner: Trends in ESA CCI soil moisture Potential and caveats.

Rodríguez-Fernández N., J. Muñoz-Sabater, P. Richaume, de Rosnay, Y. Kerr, F. Aires, M. Drush, S. Mecklenburg: poster on "New : near-real-time SMOS soil moisture product"

EUMETSAT conference, Toulouse, 21-25 September 2015

Mecklenburg S., M. Drusch, J. Muñoz Sabater, P. de Rosnay, H. Lievens, N. Verhoest and Y. Kerr: "SMOS measurements in forecasting systems: A quantitative assessment of skill"

Third Space for Hydrology Workshop (hydrospace) "Surface Water Storage and Runoff: Modeling, In-Situ data and Remote Sensing", ESA-ESRIN, Frascati, Italy, 15-17 September 2015

Baugh C., P. de Rosnay and F. Pappenberger: poster on "Using the next generation of satellite mission data in the ECMWF NWP system and in the EFAS and GloFAS flood models"

IGARSS, Milan, 26-31 July 2015

Muñoz-Sabater J., P. de Rosnay, C. Albergel, G. Balsamo, L. Isaksen and M. Drusch: "Assimilation of L-band brightness temperatures in the ECMWF land data assimilation system: advancements and future plans"

IUGG 26th General Assembly, Prague, 22 June - 2 July 2015

de Rosnay P., A. Nadir Arslan, L. Isaksen, G. Balsamo, and B. Ingleby: invited talk: Snow data assimilation for Numerical Weather Prediction

European Geosciences Union (EGU) General Assembly, Vienna, 12 April - 17 April 2015

Albergel C., P. de Rosnay, G. Balsamo, E. Dutra, T. Kral, J. Muñoz-Sabater, L. Isaksen, S. Boussetta, C. Massari, and L. Brocca: "Long term global scale root zone soil moisture monitoring at ECMWF using a surface-only land data assimilation system". (EGU2015-9561)

Balsamo G., C. Albergel, A. Beljaars, S. Boussetta, E. Brun, H. Cloke, D. Dee, E. Dutra, J. Muñoz-Sabater, F. Pappenberger, P. De Rosnay, T. Stockdale, and F. Vitart : "ERA-Interim/Land: A global land surface reanalysis dataset". (Poster : EGU2015-14214)

Barella-Ortiz A., J. Polcher, M. Piles, P. de Rosnay, and E. Gelati: "Comparison of measured brightness temperatures from SMOS with modelled ones from ORCHIDEE and HTESSEL over the Iberian Peninsula". (EGU2015-10686)

Boussetta S., G. Balsamo, E. Dutra, A. Beljaars, C. Albergel, P. De Rosnay, and J. Muñoz-Sabater: "Impact of vegetation cover variability on surface energy and carbon fluxes". (EGU2015-14931)

Brocca L., C. Albergel, C. Massari, L. Ciabatta, T. Moramarco, and P. de Rosnay: "Rainfall estimation from soil moisture data: crash test for SM2RAIN algorithm" (EGU2015-2464)

Munoz-Sabater J., P. de Rosnay, C. Albergel, L. Isaksen, M. Drusch, G. Balsamo, Y. Kerr, and P. Richaume: "Assimilation of L-band passive microwave brightness temperatures in the ECMWF land data assimilation system" (Poster : EGU2015-14534)

2014

4th International Symposium on Recent Advances in Quantitative Remote Sensing: RAQRS'IV, Valencia, Spain, 22-26 September 2014

de Rosnay P, Muñoz-Sabater J., Albergel C., Isaksen L., Dutra E., Balsamo G. and Bousssetta S.: "Comparison between SMOS observations and ECMWF simulated brightness temperatures SMOS forward modelling for Numerical Weather Prediction applications"

EUMETSAT Meteorological Satellite Conference, Geneva, Switzerland, 22 - 26 September 2014

Albergel, C., P. de Rosnay, J. Muñoz-Sabater, L. Isaksen: "Root zone soil moisture monitoring using a land data assimilation system"

Albergel, C., E. Dutra, J. Muñoz-Sabater, T. Haiden, G. Balsamo, A. Beljaars, L. Isaksen, P. de Rosnay, I. Sandu, N. Wedi: "Soil temperature at ECMWF: an assessment using ground based observations"

IGARSS, Québec, Canada, 14-18 July 2014

Albergel C., W. Dorigo, R. Reichle, G. Balsamo, P. de Rosnay, J. Muñoz-Sabater, L. Isaksen, L. Brocca, R. de Jeu, W. Wagner, oral: "Monitoring multi-decadal satellite Earth observation of soil moisture using ERA-LAND global land water resources dataset"

Alyaari A., J.-P. Wigneron, A. Ducharne, Y. Kerr, P. de Rosnay, R. de Jeu, A. Govind, A. Al Bitar, C. Albergel, J. Muñoz-Sabater, P. Richaume, A. Mialon, oral: "Merging two passive microwave remote sensing (SMOS and AMSR-E) soil moisture datasets to produce a long term record of soil moisture"

Muñoz-Sabater J., P. de Rosnay, C. Albergel, L. Isaksen, M. Drusch, oral: "Impact of SMOS data in the forecast of surface and near-surface atmospheric variables; Sensitivity to key components of the assimilation system"

Fascetti F., N. Pierdicca, L. Pulvirenti, L. Caprolicchio and J. Muñoz-Sabater: "Soil moisture comparison by triple and quadruple collocation between METOP, ERA, SMOS and in-situ data".

7th International Scientific Conference on the Global Energy and Water Cycle, The Hague, 14-17 July 2014

de Rosnay P., A. Fouilloux, M. Dahoui, I. Mallas, E. Fucile, C. Albergel, J. Muñoz Sabater, E. Dutra, G. Balsamo, P. Lopez, L. Isaksen, J.-N. Thépaut, oral: "ECMWF land data assimilation system: Recent improvements and impact on Numerical Weather Prediction"

European Geosciences Union (EGU) General Assembly, Vienna, 28 April - 2 May 2014

Alyaari A., Wigneron J.-P., Ducharne A., Govind A., Kerr Y., Al Bitar A., DeJeu R., Rosnay P., Albergel C., Muñoz Sabater J., and Moisy C., poster: "Global-scale evaluation of two satellite-based passive microwave soil moisture data sets (SMOS and AMSR-E) with respect to modelled estimates"

Albergel C., Dorigo W., Balsamo G., de Rosnay P., Muñoz-Sabater J., Isaksen L., Brocca L., de Jeu R., and Wagner W., oral "Monitoring multi-decadal satellite earth observation of soil moisture using era-land global land water resources dataset"

de Rosnay P., Muñoz Sabater J., Mallas, I., Albergel C. and Isaksen L., oral "Use of SMAP for Numerical Weather Prediction: monitoring of SMAP brightness temperature at ECMWF"

Wetterhall F., Pappenberger, F. Albergel C., Alfieri A., Balsamo G., Bogner G., Haiden T., Hewson T., Magnusson L., de Rosnay P., Munoz-Sabater J., and Tsonevsky I, poster "Floods in Central Europe in June 2013"

MicroRad:13th Specialist Meeting on Microwave Radiometry and Remote Sensing of the Environment, Pasadena, 24-27 March 2014

Alyaari A., Wigneron J.-P., Ducharne A., Kerr Y., Al Bitar A., de Jeu R., Govind A., de Rosnay P., Albergel C., Muñoz Sabater J., oral: "Global-scale evaluation of two satellite-based passive microwave soil moisture data sets (SMOS and AMSR-E) with respect to modelled estimates"

Y. Kerr, A. Al Bitar, A. Alyaari, R. Bindlish, M.J. Escorihuela, T. Jackson, D. Leroux, J. Muñoz Sabater, P. Richaume, T. Pellarin, C. Rudiger, J.P Wigneron: "SMOS soil moisture algorithm: retrieval accuracy and intercomparison with other sensors".

2013

EUMETSAT Meteorological satellite conference, Vienna, 16-20 September 2013

Albergel C., de Rosnay P., Muñoz Sabater J., Isaksen L., Naemi V., Wagner W., Albitar A. and Kerr Y., oral: "SM-DAS-2 root zone soil moisture index from H-SAF: Status and evaluation against ground measurements "

Albergel C., Balsamo G., de Rosnay P., Muñoz Sabater J., Isaksen L., Dorigo W., Wagner W., Reichle R., de Jeu R. and Brocca L. oral (Keynote talk): "Monitoring the consistency of Earth observation data through land surface modelling: an example for multi-decadal soil moisture from remote sensing "

ESA living planet symposium, Edinburgh, 09-13 September 2013

de Rosnay P., Muñoz Sabater J., Drusch M., Albergel C., Balsamo G., Boussetta S., Isaksen L. and Thépaut J.-N., poster: "Bias correction for SMOS data assimilation in the ECMWF Numerical Weather Prediction System"

Muñoz Sabater J., de Rosnay P., Albergel C., Isaksen L., Fouilloux A., Drusch M., Mecklenburg S., Lopez P., Agusti-Panareda A., Kerr Y., Richaume P., Dutra E. and Balsamo G., oral: "Assimilation of SMOS brightness temperature at ECMWF: Impact on the Surface and Atmospheric Fields"

IGARSS, Melbourne, 22-26 July 2013

Muñoz Sabater J., de Rosnay P., Albergel C., Isaksen L., Fouilloux A., Drusch M., Mecklenburg S., Agusti-Panareda A. and Balsamo G., oral: "Can SMOS improve the weather forecast?"

Rüdiger C., C. Albergel, I. Dharssi, G. Dumedah, Y. Kerr, O. Merlin, L. Renzullo and J. Walker, "applications of SMOS data in Australia"

Dorigo, C. Albergel, A. Loew, T. Stacke, A. Gruber, W. Wagner, R. Parinussa, R. de Jeu, L. Brocca, B. Bauer-Marschallinger, D. Chung and C. Paulik, "34 years of remotely sensed soil moisture: what climate signals do we (not) see?"

American Meteorological Society Annual Meeting, 07-10 January 2013, Austin

Albergel C. , Balsamo G. and de Rosnay P., oral: "On the quality of re-analysis and merged microwave spaceborne soil moisture products: global trends and ability to represent in situ measurements"

2012

EUMETSAT conference, Sopot, Poland, 3-7 September 2012

Albergel C. , de Rosnay P., Gruhier C. J. Muñoz Sabater, Balsamo G., Hasenauer S., Isaksen L., Kerr Y., Wagner W., oral: "Evaluation of soil moisture products at ECMWF using global ground-based in situ observations"

IGARSS, Munich, 22-27 July 2012

de Rosnay P., L. Isaksen, G. Balsamo, C. Albergel and J. Muñoz Sabater, invited oral: " Operational Land Surface data assimilation: The NWP example"

Muñoz Sabater J., P. de Rosnay, M. Drusch, L. Isaksen, A. Fouilloux, "Preparation of the ECMWF EKF for the assimilation of SMOS brightness temperatures"

39th COSPAR Scientific Assembly

Muñoz Sabater, de Rosnay P., Fouilloux, C. Albergel, M. Drusch and L. Isaksen: Assimilation of SMOS brightness temperatures in the ECMWF EKF for the analysis of soil moisture 39th COSPAR Scientific Assembly, Mysore, India, 14-22 July 2012

European Geosciences Union (EGU) General Assembly, Vienna, 22-27 April 2012

Albergel C., P. de Rosnay, C. Gruhier, J. Muñoz-Sabater, S. Hasenauer, L. Isaksen, Y. Kerr, and W. Wagner; EGU 2012, oral: " Evaluation of remotely sensed and modelled soil moisture products using global ground-based in situ observations " (solicited)

de Rosnay P., C. Albergel, G. Balsamo, and J. Muñoz Sabater; EGU 2012, oral: " ASCAT data assimilation at ECMWF "

Kerr Y., D. Leroux, P. Richaume, J.P. Wigneron, A. Mialon, A. Mahmoodi, A. Al Bitar, N. Novello, C. Gruhier, T. Pellarin, C. Rudiger, H. Lawrence, P. de Rosnay, and C. Albergel; EGU 2012, oral: " Soil moisture retrievals: where are we? " (solicited)

American Meteorological Society Annual Meeting, 22-26 January 2013, New Orleans

de Rosnay P., C. Albergel, G. Balsamo, S. Boussetta, J. C. Calvet, C. Gruhier, S. Hasenauer, L. Isaksen, Y. Kerr, J. Muñoz Sabater, T. Pellarin, and W. Wagner, AMS 2012, oral: Use of Satellite Data for Land Surface Analysis At ECMWF (invited)

Balsamo G., C. Albergel, M. Balzarolo, A. Beljaars, S. Boussetta, J. C. Calvet, E. Dutra, T. Kral, D. Papale, P. de Rosnay, and I. Sandu, AMS 2012 oral: Usefulness of Benchmarking for Global Land Surface Model Development

2011

AGU Fall Meeting, San Francisco, 5-9 December 2011

Moran S., S. Bélaïr, L. Isaksen, P. de Rosnay, X. Zhan, H. Gheidira, Z. Yang, R. Mueller, A. Ines, S. Zebiak, C. Champagne, M. Brown, V. Escobar and B. Weiss, AGU Fall Meeting, San Francisco, 5-9 December 2011, oral: " Pre-launch Research to Integrate NASA SMAP Soil Moisture and Freeze/Thaw State Products in Applications "

EGU Leonardo conference, Bratislava, Slovakia, 23-25 November 2011

Brocca L., Melone F., Moramarco T., Zucco G., Wagner W., Hasenauer S., de Rosnay P., Albergel C., Matgen P., Martin C. "Assimilation of ASCAT, AMSR-E and ECMWF derived soil moisture product for flood forecasting"

EUMETSAT Meteorological Satellite Conference

Albergel, C., de Rosnay P., G. Balsamo, J. Muñoz Sabater, C. Gruhier, S. Hasenauer, L. Isaksen, Y. Kerr, W. Wagner, Oslo, 5-9 Septembre 2011, "Evaluation of remotely sensed and modelled soil moisture products using global ground-based in situ observations"

IGARSS

de Rosnay P., G. Balsamo and L. Isaksen, Vancouver, Canada, 24-29 July 2011, oral: "Snow analysis for Numerical Weather Prediction at ECMWF"(pdf)

Muñoz Sabater J., P. de Rosnay, M. Drusch, M. Dahoui, S. Mecklenburg, Vancouver, Canada, 24-29 July 2011, poster: "Preparation of the ECMWF soil moisture analysis to the assimilation of SMOS data"

EUMETSAT/ ESA Scatterometer Science Conference 2011

de Rosnay P., . Albergel, L. Brocca, K. Scipal, M. Drusch, Darmstadt, 11-13 April 2011, "ASCAT soil moisture data assimilation at ECMWF""

EGU (European Geosciences Union General Assembly 2011)

de Rosnay P., J. Muñoz Sabater, C. Albergel, G. Balsamo, K. Scipal, M. Drusch, Vienna, 4-8 April 2011, oral: "Use of satellite data for soil moisture analysis at ECMWF"

Hasenauer, S., W. Wagner,, B. Zeiner, A. Jann, P. de Rosnay, C. Albergel, Vienna, 4-8 April 2011, oral: " H-SAF soil moisture products based on METOP-ASCAT scatterometer data "

Gruhier, C. Pellarin, T., de Jeu R., de Rosnay, Y. Kerr, Vienna, 4-8 April 2011, "SMOS Soil Moisture product evaluation over West Africa "

Muñoz Sabater, J., P. de Rosnay, M. Dahoui,, M. Drusch, Vienna, 4-8 April 2011, poster: " Monitoring SMOS data at ECMWF "

Su, B. P. de Rosnay, J. Wen, L. Wang, Vienna, 4-8 April 2011, poster: " Ability of the ECMWF model in simulating and analysis of root zone soil moisture on the Tibetan plateau "

American Meteorological Society, 91st Annual Meeting

de Rosnay P., G. Balsamo, M. Drusch, L. Isaksen, J. Muñoz Sabater, K. Scipal, C. Albergel, J.-C. Calvet, Seattle, 23-27 January 2011, "ECMWF Land Surface Analysis" (pdf)

2010

ESA, iLEAPS, EGU joint Conference

de Rosnay P., J. Muñoz Sabater, G. Balsamo, M. Drusch, K. Scipal, L. Isaksen, C. Albergel, L. Brocca, O. Merlin, E. Roulin, M. Grippa, Frascati, Italy, 3-5 November 2010, "Use of Satellite data for Land-surface analysis at ECMWF" (pdf)

Mougin E., Grippa M., Kergoat L., Hiernaux P., Frappart F., Demarez V., Baup F., Frison P.-L., Gruhier C., de Rosnay P., Pellarin T., Galle S., Lebel T., Descroix L., Zin I., Peugeot C., Cappelaere B., Demarty J., Seguis L., Ottle C., Zribi M., Frascati, Italy, 3-5 November 2010, "Evaluation of Earth observation products over West Africa for land-atmosphere interaction studies"

IGARSS

Muñoz Sabater, de Rosnay P., Fouilloux, A., Dahoui M., Dragosavac M.IGARSS, Honolulu, Hawaii, 25-30 July 2010, oral: "Mon SMOS brightness temperatures at global scale. A preliminary overall quality assessment."

de Rosnay P., J. Muñoz Sabater, G. Balsamo, M. Drusch, K. Scipal, A. Beljaars, L. Isaksen IGARSS, Honolulu, Hawaii, 25-30 July 2010, oral: " Use of satellite data for soil moisture analysis at ECMWF"

Gruhier C., Y. Kerr, T. Pellarin, P. de Rosnay P., M. Grippa IGARSS, Honolulu, Hawaii, 25-30 July 2010, oral: " SMOS soil moisture values evaluation over sahelian area"

38th COSPAR Scientific Assembly

Muñoz Sabater, de Rosnay P., Fouilloux, A., Dahoui M., Dragosavac M.38th COSPAR Scientific Assembly, Bremen, Germany, 18-25 July 2010, oral: "Preparation activities for the assimilation of SMOS data at ECMWF"

ESA Living Planet Symposium

de Rosnay P., J. Muñoz Sabater, G. Balsamo, M. Drusch, K. Scipal, C. Albergel, D. Vasiljevic, A. Beljaars, L. Isaksen ESA Living Planet Symposium, Bergen, Norway, 28 June - 2 July 2010, poster: "Use of satellite data for soil moisture analysis at ECMWF"

Gruhier C., Y. Kerr, F. Cabot, A. Mialon, T. Pellarin, P. de Rosnay, M. Grippa ESA Living Planet Symposium, Bergen, Norway, 28 June - 2 July 2010, oral: "SMOS L-band brightness temperatures compared to others passive microwaves sensors over West Africa"

Mougin E., M. Grippa, V. Demarez, L. Kergoat, C. Gruhier, P. Hiernaux, F. Baup, P. de Rosnay, T. Pellarin, S. Galle, T. Lebel, L. Descroix, I Zin, C. Peugeot, B. Cappelaere, G. Demarty, N. Boulain, L. Séguis, C. Ottlé, S. Saux-Picart, M. Zribi ESA Living Planet Symposium, Bergen, Norway, 28 June - 2 July 2010, oral: "Evaluation of remote sensing products over the AMMA-CATCH observatory in West Africa"

Muñoz Sabater J., P. de Rosnay, A. Fouilloux, M. Dahoui, I. Mallas, M. Dragosavac, L. Isaksen ESA Living Planet Symposium, Bergen, Norway, 28 June - 2 July 2010, oral: "Monitoring SMOS Brightness temperatures over land: Preliminary results over the commissioning phase"

Sabia R., J. Muñoz Sabater, M. Talone, P. de Rosnay, J. Gourion, M. Portabella, P. Spurgeon, J. Font, M. Vall-Ilossera, Y. Takaya, M. BalmasedaESA Living Planet Symposium, Bergen, Norway, 28 June - 2 July 2010, poster: "The SMOS Brightness Temperature Ocean Monitoring Preliminary Results"

EGU

Albergel C., J.-C. Calvet, E. Martin, S. Hasenauer, N. Vahid, W. Wagner, and P. de Rosnay EGU General Assembly; Vienna, 2-7 May 2010, oral: "Cross evaluation of in-situ, synthetic and remotely sensed surface soil moisture in southwestern France "

Gruhier C., Y. Kerr, P. de Rosnay, T. Pellarin, M. Grippa EGU General Assembly; Vienna, 2-7 May 2010, oral: "First soil moisture values from SMOS over a Sahelian region "

Muñoz Sabater J., P. de Rosnay, M. Drusch, M. Dahoui, S. Delwart, and N. Wright EGU General Assembly; Vienna, 2-7 May 2010, oral: "Implementation of SMOS data monitoring in the Integrated Forecast System. Preliminary results. "

2009

ESA conference

Baup F., Mougin E., de Rosnay P., Hiernaux P., Frappart F., Frison P.L. Zribi M. Earth Observation and Water Cycle Science Towards a Water Cycle Multi-mission Observation Strategy, ESRIN, Frascati, Italy, 18-20 November 2009, poster: "Upscaling of ENVISAT-ASAR soil moisture products over the Mali mesocale window : AMMA experiment"

WMO conference

Drusch M., de Rosnay P., Muñoz Sabater J., Balsamo G. Fifth WMO International Symposium on Data Assimilation of Observations in Meteorology, Oceanography and Hydrology, 5-9 October 2009, oral: "Using SMOS observations in ECMWF's Land Surface Analysis System"

AMMA conference

Boone A., Pocard-Leclercq I., Xue Y., Feng J., de Rosnay P., 3rd International AMMA Conference 20-24 July 2009, Ouagadougou, Burkina Faso, oral: "Evaluation of the WAMME model surface fluxes using results from the AMMA land-surface model inter-comparison project (ALMIP)"

Boone A., de Rosnay P., Balsamo G., Beljaars A., Chopin F., Delire C., Decharme B., Ducharne A., Gascoin S., Guichard F., Gusev Y., Harris P., Jarlan L., Kergoat L., Mougin E., Nasonova O., Norgaard A., d'Orgeval T., Ottlé C., Pocard-Leclercq I., Polcher J., Sandholt I., Saux-Picart S., Taylor C., Xue Y. 3rd International AMMA Conference 20-24 July 2009, Ouagadougou, Burkina Faso, poster: "The AMMA land surface model inter-comparison project: Summary of Phase 1 and Perspectives for Phase 2"

Grippa M., E. Mougin, V. Demarez, L. Kergoat, C. Gruhier, P. Hiernaux, F. Baup, L. Larouziere, P. de Rosnay, T. Pellarin, S. Galle, T. Lebel, L. Descroix, I. Zin, C. Peugeot, B. Cappelaere, J. Demarty, N. Boulain, L. Seguis, P.-L. Frison, C. Ottlé, S. Saux-Picart, M. Zribi 3rd International AMMA Conference 20-24 July 2009, Ouagadougou, Burkina Faso, poster: " Evaluation of remote sensing products over the AMMA-CATCH observatory in West Africa"

Gruhier C., de Rosnay P., Kerr Y., Kergoat L., Mougin E., Grippa M., Desbiendras L., 3rd International AMMA Conference 20-24 July 2009, Ouagadougou, Burkina Faso, poster: " Soil moisture over a Sahelian area: synthesis of several studies over meso-scale area of Mali"

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IGARSS

de Rosnay, G. Balsamo, M. Drusch, K. Scipal and J. Muñoz Sabater IGARSS, 12-17 July 2009, oral: "The ecmwf surface analysis: use of active and passive microwave data for soil moisture analysis"

Grippa, E. Mougin, V. Demarez, L. Kergoat, C. Gruhier, P. Hiernaux, F. Baup, P. de Rosnay, T. Pellarin, S. Galle, T. Lebel, C. Peugeot, B. Cappelaere, J. Demarty, N. Boulain, L. Descroix, C. Ottlé, S. Saux-Picart, M. Zribi IGARSS, 12-17 July 2009, oral: "Evaluation of remote sensing products over the AMMA-CATCH observatory in West Africa"

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Muñoz Sabater, P. de Rosnay, G. Balsamo, M. Drusch IGARSS, 12-17 July 2009, oral: "ECMWF activities in preparation for the launch of the SMOS satellite"

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EGU

de Rosnay, M. Drusch, J. Muñoz Sabater, G. Balsamo, and K. Scipal, EGU General Assembly; Vienna, 19-24 April 2009, oral: "Use of SMOS data for Numerical Weather Prediction (NWP): The ECMWF soil moisture analysis"

de Rosnay, M. Drusch, Aaron Boone, G. Balsamo, B. Decharme, P. Harris, Y. Kerr, T. Pellarin, J. Polcher, and J.-P. Wigneron, EGU General Assembly; Vienna, 19-24 April 2009, poster: "The AMMA Land Surface Model Intercomparison Experiment coupled to the Community Microwave Emission Model: ALMIP-MEM"

Gruhier C., F. Cabot, Y. Kerr, and P. de Rosnay, EGU General Assembly; Vienna, 19-24 April 2009, poster: "Brightness temperatures provided by SMOS simulations compared to current passive microwaves measurements over semi-arid region"

Gruhier C., P. de Rosnay and J.-P. Wigneron, EGU General Assembly; Vienna, 19-24 April 2009, oral: "Retrieval of soil moisture based on passive microwaves measurements from AMSR-E over a Sahelian region"

Scipal, M. Drusch, G. Balsamo, and P. de Rosnay, EGU General Assembly; Vienna, 19-24 April 2009, oral: "Assimilation of global ASCAT soil moisture observations in the ECMWF Numerical Weather Prediction Model"

2008

AGU (fall meeting)

Drusch M., K. Scipal, P. de Rosnay, G. Balsamo, American geophysical Union (AGU) fall meeting, 15-19 December 2008, San Francisco, "Analysing soil moisture using the extended Kalman filter: Applications and results from ECMWF's global forecasting system"

Gruhier C., P. de Rosnay, Y. Kerr, L. Kergoat, American geophysical Union (AGU) fall meeting, 15-19 December 2008, San Francisco, "Evaluation of microwaves soil moisture products based on two years of ground measurements over a Sahelian region"

MICRORAD:

Mialon A., J.-P. Wigneron, P. de Rosnay, Y. Kerr, J.-C. Calvet, 10th Specialist Meeting on Microwave Radiometry and Remote Sensing of the Environment (MICRORAD), 11-14 March 2008, Florence, Italy "Roughness influence on L-band brightness temperature over bare soil"

Saleh K., Y. Kerr, G. Boulet, M.J. Escorihuela, P. Maisongrande, P. Richaume, P. de Rosnay, J.-P. Wigneron, E. Lopez- Baeza, J. Grant, S. Delwart, M. Berger, R. Panciera, J. Walker, 10th Specialist Meeting on Microwave Radiometry and Remote Sensing of the Environment (MICRORAD), 11-14 March 2008, Florence, Italy, "Main outcomes of the CoSMOS/NAFE campaign for the validation of the SMOS soil moisture retrieval algorithm"

Wigneron J.-P., A. Chanzy, Y. Kerr, J.-C. Shi, V. Mironov, P. de Rosnay, M.-J. Escorihuela, A. Cano, F. Demontoux, J. Grant, H. Lawrence, A. Mialon, K. Saleh, 10th Specialist Meeting on Microwave Radiometry and Remote Sensing of the Environment (MICRORAD), 11-14 March 2008, Florence, Italy, "Improved parameterization of the soil emission in L-MEB"

Wigneron J.-P., Y. Kerr, K. Saleh, P. Richaume, P. de Rosnay, M.-J. Escorihuela, J.-C. Calvet, A. Cano, A. Chanzy, F. Demontoux, J. P. Grant, M. Guglielmetti, P. Ferrazzoli, H. Lawrence, E. Lopez-Baeza, A. Mialon, T. Pellarin, C. Rüdiger, G. Ruffié, M. Schwank, N. Skou, P. Waldteufel, M. Berger, S. Delwart, 10th Specialist Meeting on Microwave Radiometry and Remote Sensing of the Environment (MICRORAD), 11-14 March 2008, Florence, Italy, "Parameterisation and calibration of L-MEB in the Level-2 SMOS algorithm"

EGU:

Araud Q., L. Kergoat, F. Frappart, M. Grippa, A. Boone, P. de Rosnay, J.-M. Lemoine and the ALMIP Working Group, EGU General Assembly; Vienna, 13-18 April 2008 "Comparison between soil moisture estimations by GRACE satellite mission and by land surface models over West Africa"

de Rosnay P., A. Boone, M. Drusch, G. Balsamo, T. Pellarin, J.-P. Wigneron, EGU General Assembly; Vienna, 13-18 April 2008 «ALMIP-MEM: AMMA Land surface Models Inter-comparison Project - Microwave Emission Model"

Drusch M., P. de Rosnay, K. Scipal, G. Balsamo, E. Andersson, EGU General Assembly; Vienna, 13-18 April 2008 "Analysing land surface parameters for NWP applications: Developments at ECMWF"

Escorihuela M.J., Y. Kerr, A. Chanzy, P. de Rosnay, and J. P. Wigneron, EGU General Assembly; Vienna, 13-18 April 2008 « On the effective penetration depth of L-band radiometry and the validation of SMOS data: a case study"

Gruhier C., P. de Rosnay, L. Kergoat, E. Mougin, EGU General Assembly; Vienna, 13-18 April 2008 Evaluation of soil moisture products from several sensors over a semi-arid region based on ground soil moisture measurements"

Gruhier C., P. de Rosnay, Wigneron, J.-P., EGU General Assembly; Vienna, 13-18 April 2008 « Surface soil moisture retrieval based on brightness temperature from AMSR-E over a semi-arid region"

Kergoat L., F. Timouk, E. Mougin, E. Ceschia, C. Lloyd, P. Hiernaux, P. de Rosnay, V. Le Dantec, EGU General Assembly; Vienna, 13-18 April 2008, "Response of sensible, latent and CO2 fluxes to lateral water redistribution and vegetation development in a Sahelian landscape at 15.3°N"

IGARRS:

de Rosnay P., M. Drusch, J.-P. Wigneron, T. Holmes, G. Balsamo, A. Boone, C. Rüdiger, J.-C. Calvet, Y. Kerr, IGARRS IEEE International Geoscience & Remote Sensing Symposium, Boston, 6-11 July 2008 "Soil Moisture Remote Sensing for Numerical Weather Prediction: L-band and C-band Emission Modeling over Land Surfaces, the Community Microwave Emission Model (CMEM)"

Zribi M., M. Pardé, B. Decharme, P. de Rosnay, IGARRS IEEE International Geoscience & Remote Sensing Symposium, Boston, 6-11 July 2008 "Soil Moisture Estimation and analysis in Western Africa based on ERS Scatterometer"

2007

Boone, A., P. de Rosnay, and the ALMIP working group, AMMA 2nd International conference, Karlsruhe, Germany, 26-30 Nov 2007, Oral presentation: "AMMA Land surface Model Intercomparison Project (ALMIP)"

de Rosnay, P., Boone, A., Drusch, M., Holmes, T., Wigneron, J.-P., Balsamo, G., Pellarin, T., AMMA 2nd International conference, Karlsruhe, Germany, 26-30 Nov 2007, Oral presentation: "Modelling approach for remote sensing validation of ALMIP soil moisture products. The AMMA Land surface Models Inter-comparison Project - Microwave Emission Model (ALMIP-MEM)"

Gruhier, C., P. de Rosnay, L. Kergoat, P. Richaume, Y. Kerr, E. Mougin, F. Timouk, AMMA 2nd International conference, Karlsruhe, Germany, 26-30 Nov 2007, poster presentation: "Evaluation of AMSR soil moisture and Vegetation water content products based on ground soil moisture network measurements in Mali"

Gruhier, C., P. de Rosnay, P. Richaume, Y. Kerr, C. Rüdiger, G. Boulet, J.P. Walker, E. Mougin, E. Ceschia, J.-C. Calvet, AGU joint Assembly, Acapulco, Mexico, 22-25 May 2007 poster presentation: "Large scale evaluation of AMSR soil moisture products based on ground soil moisture network measurements"