

# Publications

Période : 2002-2015

Les publications sont distinguées comme suit :

- les revues à comité de lecture
- les chapitres d'ouvrages et ouvrages
- les thèses
- les supports à caractère technique ou de vulgarisations affirmées (autres que des articles de presse)

*Note : les présentations à des séminaires ou colloques, posters, travaux d'élèves, et rapports internes ne sont pas mentionnés ici.*

## Publications de rang A

Titre	Date	Sites	Thématiques
Aubry-Kientz M, Rossi V, Wagner F, Hérault B, 2015. Identifying climatic drivers of tropical forest dynamics. Biogeosciences Discussion 12, 3145-3176	2015	Guyafor	Carbone
Brienen RJW, ..... Bonal D, ....Hérault B, .... Zagt RJ, 2015. Long-term decline of the Amazon carbon sink. Nature 519 : 344–348	2015	Guyafor	Carbone
Migliavacca, M., Reichstein, M., .... Delpierre, N..... Tomelleri, E., Cescatti, A. (2015). "Influence of physiological phenology on the seasonal pattern of ecosystem respiration in deciduous forests." GLOBAL CHANGE BIOLOGY 21(1): 363-376.	2015	Fontainebleau Hesse	Carbone
Pisek J., Govind A., Arndt S.K., Hocking D., Wardlaw T.J., Fang H., Matteucci G., Longdoz B. (2015) Intercomparison of clumping index estimates from POLDER, MODIS, and MISR satellite data over reference sites. ISPRS Journal of Photogrammetry and Remote Sensing, 101, 47-56.	2015	Hesse	Carbone
Prieto Aguilar, I., Roumet, C., R., C., Kim, J., Maeght, J., Mao, Z., Portillo, N., Thammahacksa, C., Dupraz, C., Jourdan, C., Pierret, A., Rouspard, O., Stokes, A., 2015. Root community traits along a land use gradient: evidence of a community-level economics spectrum. Journal of Ecology. Accepted September 2014.	2015	Coffee-Flux	Carbone
Sist P, ...., Hérault B, Blanc L, B..... Yamada T, 2015. The Tropical managed Forests Observatory : addressing the future of tropical logged forests. Applied Vegetation Science 18(1) : 171-174	2015	Guyafor	Carbone
van der Heijden, G., Dambrine, E., Pollier, B., Zeller, B., Ranger, J., Legout, A. (2015). "Mg and Ca uptake by	2015	Breuil	Biogeochemie

Titre	Date	Sites	Thématiques
roots in relation to depth and allocation to aboveground tissues: results from an isotopic labeling study in a beech forest on base-poor soil." <i>Biogeochemistry</i> 122(2-3): 375-393.			
Viennet, J. C., Hubert, F., Ferrage, E., Tertre, E., Legout, A., Turpault, M. P. (2015). "Investigation of clay mineralogy in a temperate acidic soil of a forest using X-ray diffraction profile modeling: Beyond the HIS and HIV description." <i>Geoderma</i> 241: 75-86.	2015	Breuil	Biogeochemie
Wagner F., Rossi V., Baraloto C., Bonal D., Stahl C., Hérault B. 2015. Are commonly measured functional traits involved in tropical tree responses to climate? <i>International Journal of Ecology</i> , Article ID 389409, 10 pages - <a href="http://dx.doi.org/10.1155/2014/389409">http://dx.doi.org/10.1155/2014/389409</a>	2015	Guyaflux	Carbone
Anayah, F. M. and J. J. Kaluarachchi (2014). "Improving the complementary methods to estimate evapotranspiration under diverse climatic and physical conditions." <i>Hydrology and Earth System Sciences</i> 18(6): 2049-2064	2014	Hesse	Carbone Eau
Baghdadi, N., le Maire, G., Bailly, J-S., Nouvellon, Y., Osé, K., Zribi, M., Lemos, C., Hakamada, R. 2014. Coupling L-band radar data and variables based on optical and bioclimatic data for the estimation of Eucalyptus plantations biomass in Brazil, <i>IEEE GSRL</i> Volume: 7 Issue: 1 Pages: 290-299	2014	Itatinga	Carbone
Baker, T. R., ...., Bonal D., ..... Vos, V. A., Phillips, O. L. (2014). "Fast demographic traits promote high diversification rates of Amazonian trees." <i>Ecology Letters</i> 17(5): 527-536.	2014	Guyaflux	Carbone
Battie-Laclau, P., Laclau, J. P., Domec, J. C., Christina, M., Bouillet, J. P., de Cassia Piccolo, M., de Moraes Gonçalves, J. L., Moreira, R. M., Krusche, A. V., Bouvet, J. M., and Nouvellon, Y. (2014) Effects of potassium and sodium supply on drought-adaptive mechanisms in <i>Eucalyptus grandis</i> plantations, <i>New Phytologist</i> 203, 401-413.	2014	Itatinga	Biogeochemie
Battie-Laclau, P., Laclau, J-P., Beri, C., Mietton, L., Muniz, M.R.A., Arenque, B.C., Piccolo, M.C., Jordan-Meille, L., Bouillet, J-P., Nouvellon, Y., 2014. Photosynthetic and anatomical responses of <i>Eucalyptus grandis</i> leaves to potassium and sodium supply in a field experiment. <i>Plant, Cell and Environment</i> , 37:70-81.	2014	Itatinga	Carbone
Benegas, L., Ilstedt, U., Roupsard, O., Jones, J.R., Malmer, A., 2014. Effects of trees on infiltrability and preferential flow in two contrasting agroecosystems in Central America. <i>Agric. Ecos. Envir.</i> , 185-196.	2014	Coffee-Flux	Eau

Titre	Date	Sites	Thématiques
Bottinelli, N., et al. (2014). "Impact of heavy traffic on soil macroporosity of two silty forest soils: Initial effect and short-term recovery." <i>Geoderma</i> 217: 10-17.	2014	Tassements	Biogeochemie
Bottinelli, N., et al. (2014). "Slow recovery of earthworm populations after heavy traffic in two forest soils in northern France." <i>Applied Soil Ecology</i> 73: 130-133.	2014	Tassements	Biogeochemie
Bottinelli, N; Capowiez, Y; Ranger, J. 2014. Slow recovery of earthworm populations after heavy traffic in two forest soils in northern France. <i>APPLIED SOIL ECOLOGY</i> 73 130:133	2014	Tassements	Biogeochemie
Cannava P., Harmand J.M., Zeller B., Vaast P., Ramirez J.E., Dambrine E. 2013. Low nitrogen use efficiency and high nitrate leaching in a highly fertilized Coffea arabica-Inga densiflora agroforestry system: A <sup>15</sup> N labeled fertilizer study. <i>Nutrient cycling in agroecosystems</i> , 95 (3): 377-394.	2014	Coffee-Flux	Biogeochemie
Chen, G. S., et al. (2014). "Allometric constraints on, and trade-offs in, belowground carbon allocation and their control of soil respiration across global forest ecosystems." <i>GLOBAL CHANGE BIOLOGY</i> 20(5): 1674-1684.	2014	Guyaflux Hesse	Carbone
Chen, J., et al. (2014). "Evaluating Parameter Adjustment in the MODIS Gross Primary Production Algorithm Based on Eddy Covariance Tower Measurements." <i>Remote Sensing</i> 6(4): 3321-3348.	2014	Puechabon	Carbone
Derrien D., Plain C., Courty P-E., Gelhaye L., Moerdijk-Pootvliet T-C-W., Thomas F., versini A., Zeller B., Koutika L-S., Boschker H-T-S, Epron D. 2014. Does the addition of labile substrate destabilise old soil organic matter? <i>Soil Biology &amp; Biochemistry</i> , 76:149-160.	2014	Pointe-Noire	Biogeochemie
Fernandez-Martinez, M., et al. (2014). "Nutrient availability as the key regulator of global forest carbon balance." <i>Nature Climate Change</i> 4(6): 471-476.	2014	Guyaflux Hesse Landes Puechabon	Carbone
Flores O, Herault B, Delcamp M, Garnier E, Gourlet-Fleury S, 2014. Functional traits help predict post-disturbance demography of tropical trees. <i>Plos One</i> 9(9) : e105022	2014	Guyafor	Carbone
Gilson A., Barthes L., Delpierre N., Dufrêne E., Fresneau C., Bazot S. (2014)-Seasonal changes in carbon and nitrogen compound concentrations in a <i>Quercus petraea</i> chronosequence. <i>Tree Physiology</i> 34: 716-729	2014	Fontainebleau	Biogeochemie
Govind, A. (2014). On the nature of canopy illumination due to differences in elemental orientation and aggregation for radiative transfer. <i>International Journal of Biometeorology</i> 58(8): 1803-1809.	2014	Landes	Carbone

Titre	Date	Sites	Thématiques
Guillemot J., Delpierre N., Vallet P., François C., Martin-StPaul N., K., Nicolas M., Soudani K., Badeau V., Dufrêne E. (2014)- Assessing the effects of management on forest growth across France: insights from a new functional-structural model. <i>Annals of Botany</i> , 114: 779-793.	2014	Fontainebleau Renecofor	Carbone
Guitet S, Sabatier D, Brunaux O, Herault B, Aubry-Kientz M, Molino J-F, Baraloto C, 2014. Estimating tropical tree diversity indices from forestry surveys : a method to integrate taxonomic uncertainty. <i>Forest Ecology &amp; Management</i> 328 : 270-281	2014	Guyafor	Carbone
Herve V., Le Roux X., Uroz S., Gelhaye E. & Frey-Klett P. 2014. Diversity and structure of bacterial communities associated with <i>Phanerochaete chrysosporium</i> during wood decay. <i>Environmental Microbiology</i> . 16(7), 2238–2252	2014	Montiers	Biogeochemie
Jagermeyr, J., et al. (2014). "A high-resolution approach to estimating ecosystem respiration at continental scales using operational satellite data." <i>GLOBAL CHANGE BIOLOGY</i> 20(4): 1191-1210.	2014	Hesse Landes Puechabon	Carbone
Jin, H. X. and L. Eklundh (2014). "A physically based vegetation index for improved monitoring of plant phenology." <i>Remote Sensing of Environment</i> 152: 512-525.	2014	Landes Puechabon	Carbone
Ngomanda A, Engone Obiang NL, Lebamba J, Moundounga Mavououlou Q, Gomat H, Mankou GS, Loumeto J, Midoko Iponga D, Kossi Ditsouga F, Zinga Koumba R, Botsika Bobé KH, Mikala Okouyi C, Nyangadouma R, Lépengué N, Mbatchi B, Picard N (2014) Site-specific versus pantropical allometric equations: Which option to estimate the biomass of a moist central African forest? <i>Forest Ecology and Management</i> , 312: 1-9.	2014	Pointe-Noire (Globe)	Carbone
Koutika L-S, Epron D., Bouillet J-P, Mareschal L. Changes in N and C concentrations, soil acidity and P availability in tropical mixed acacia and eucalypt plantations on a nutrient-poor sandy soil. <i>Plant and soil</i> , DOI: 10.1007/s11104-014-2047-3.	2014	Pointe-Noire	Biogeochemie
Laurans M, Herault B, Vieilledent G, Vincent G, 2014. Vertical stratification reduces competition for light in dense tropical forests. <i>Forest Ecology &amp; Management</i> 329 : 79-88	2014	Guyafor	Carbone
le Maire, G., Dupuy, S., Nouvellon, Y., Loos, R. A., and Hakamada, R. (2014) Mapping short-rotation plantations at regional scale using MODIS time series: Case of eucalypt plantations in Brazil, <i>Remote Sensing of Environment</i> 152, 136-149.	2014	Itatinga	Carbone

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Lequy E., Calvaruso C., Conil S., Turpault M.-P. 2014. Atmospheric particulate deposition influence by tree canopy in beech forests in the north of France. <i>Science of the Total Environment.</i> 487, 206-215.	2014	Montiers	Biogeochemie
Lequy E., Conil S., Turpault M.-P., 2014. Complementary methods to determine the organo-mineral content in atmospheric particulate deposition in forest ecosystems. <i>Aeolian Research.</i> 12, 101-109.	2014	Montiers	Biogeochemie
Luyssaert, S.,.... Loustau, D.....Rambal, S....Wattenbach, M. Dolman, A. J. (2014). "Land management and land-cover change have impacts of similar magnitude on surface temperature." <i>Nature Climate Change</i> 4(5): 389-393.	2014	Guyaflux Hesse Landes Puechabon	Carbone
Mallick, K., et al. (2014). "A Surface Temperature Initiated Closure (STIC) for surface energy balance fluxes." <i>Remote Sensing of Environment</i> 141: 243-261.	2014	Hesse	Carbone
Mallick, K., et al. (2014). "Components of near-surface energy balance derived from satellite soundings - Part 2: Noontime latent heat flux." <i>Biogeosciences</i> 11(24): 7369- 7382.	2014	Hesse Landes Puechabon	Carbone
Marcon E, Scotti I, Herault B, Rossi V, Lang G, 2014. Generalization of the partitioning of Shannon diversity. <i>Plos One</i> 9(3) : e90289	2014	Guyafor	Carbone
Marie G, Simioni G. 2014. Extending the use of ecological models without sacrificing details: a generic and parsimonious approach. <i>Methods in Ecology and Evolution</i> 5:934-943.	2014	FontBlanche	Carbone
Martin-StPaul NK, Longepierre D, Huc R, Delzon S, Burlett R, Joffre R, Rambal S, Cochard H (2014) How reliable are methods to assess xylem vulnerability to cavitation? The issue of open vessel artifact in oaks. <i>Tree Physiology</i> , 34, 894-905	2014	Puechabon	Carbone Eau
Miralles, D. G., et al. (2014). "El Nino-La Nina cycle and recent trends in continental evaporation." <i>Nature Climate Change</i> 4(2): 122-126.	2014	Fontainebleau Hesse Landes Puechabon	Carbone Eau
Mitchard E.T.A, ..... Bonal D, .....Malhi Y. & Phillips O.L. 2014. Markedly divergent estimates of Amazon forest carbon density from ground plots and satellites. <i>Global Ecology and Biogeography</i> , 23, 935-946	2014	Guyaflux	Carbone
Molto Q, Herault B, Boreux JJ, Daullat M, Rousteau A, Rossi V, 2014. Predicting tree heights for biomass estimates in tropical forests. <i>Biogeosciences</i> 11 : 3121- 3130	2014	Guyafor	Carbone
Ngomanda A, Engone Obiang NL, Lebamba J,	2014	Montiers	Biogeochemie

Titre	Date	Sites	Thématiques
Moundounga Mavouroulou Q, Gomat H, Mankou GS, Loumeto J, Midoko Iponga D, Kossi Ditsouga F, Zinga Koumba R, Botsika Bobé KH, Mikala Okouyi C, Nyangadouma R, Lépengué N, Mbatchi B, Picard N (2014) Site-specific versus pantropical allometric equations: Which option to estimate the biomass of a moist central African forest? <i>Forest Ecology and Management</i> , 312: 1-9.			
Otto J., Berveiller D., Bréon F.-M., Delpierre N., Geppert G., Granier A., Jans W., Knohl A., Kuusk A., Longdoz B., Moors E., Mund M., Pinty B., Schelhaas M.-J., and Luysaert S. (2014) - Forest summer albedo is sensitive to species and thinning: how should we account for this in Earth system models? <i>Biogeosciences</i> 11:2411-2427	2014	Fontainebleau Hesse	Carbone
Parazoo, N. C., et al. (2014). "Terrestrial gross primary production inferred from satellite fluorescence and vegetation models." <i>GLOBAL CHANGE BIOLOGY</i> 20(10): 3103-3121.	2014	FontBlanche Hesse	Carbone
Rambal S, Lempereur M, Limousin JM, Martin-StPaul NK, Ourcival J-M, Rodríguez-Calcerrada J (2014). How drought severity constrains GPP and its partitioning among carbon pools in a Quercus ilex coppice? <i>Biogeosciences</i> , 11, 6855-6869	2014	Puechabon	Carbone
Réjou-Mechain M, .... Héault B, .... Chave J, 2014. Local spatial structure of forest biomass and its consequences for remote sensing of carbon stocks. <i>Biogeosciences</i> 11 : 6827-6840	2014	Guyafor	Carbone
Rodríguez-Calcerrada J, Martin-StPaul NK, Lempereur M, Ourcival JM, Del Rey MD, Joffre R, Rambal S (2014) Stem CO <sub>2</sub> efflux and its contribution to ecosystem CO <sub>2</sub> efflux decrease with drought in a Mediterranean forest stand. <i>Agricultural and Forest Meteorology</i> , 195, 61-72.	2014	Puechabon	Carbone
Rowland L., Hill T., Stahl C., Siebicke L., Burban B., Zaragoza-Castells J., Ponton S., Bonal D., Meir P., Williams M. 2014. Evidence for strong seasonality in the carbon storage and carbon use efficiency of an Amazonian forest. <i>Global Change Biology</i> 20: 979–991	2014	Guyaflux	Carbone
Sainte-Marie, J., Saint-André, L., Nouvellon, Y., Laclau, J. P., Roupsard, O., le Maire, G., Delpierre, N., Henrot, A., and Barrandon, M. (2014) A new probabilistic canopy dynamics model (SLCD) that is suitable for evergreen and deciduous forest ecosystems, <i>Ecological Modelling</i> , 121-133.	2014	Fontainebleau Hesse Itatinga	Carbone
Santaren D., Peylin P., Bacour C., Ciais P., Longdoz B. (2014) Ecosystem model optimization using in-situ flux observations: benefit of monte-carlo versus variational schemes and analyses of the year-to-year model	2014	Hesse	Carbone

Titre	Date	Sites	Thématiques
performances. Biogeosciences, 11, 7137-7158			
Soudani K., Hmimina G., Dufrêne E., Berveiller D., Delpierre N., Ourcival J-M, Rambal S., Joffre R. (2014)- Relationships between photochemical reflectance index and light-use efficiency in deciduous and evergreen broadleaf forests. Remote Sensing of Environment, 144:73-84	2014	Fontainebleau Puechabon	Carbone
Stoy, P. C., et al. (2014). "Controls on seasonal patterns of maximum ecosystem carbon uptake and canopy-scale photosynthetic light response: contributions from both temperature and photoperiod." Photosynthesis Research 119(1-2): 49-64	2014	Fontainebleau Hesse Landes	Carbone
Stoy, P. C., et al. (2014). "The Role of Vegetation on the Ecosystem Radiative Entropy Budget and Trends Along Ecological Succession." Entropy 16(7): 3710-3731	2014	Fontainebleau Landes Puechabon	Carbone
Tang, J. W., et al. (2014). "Steeper declines in forest photosynthesis than respiration explain age-driven decreases in forest growth." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 111(24): 8856-8860.	2014	Hesse Landes	Carbone
Taugourdeau, S., le Maire, G., Avelino, J., Jones, J.R., Ramirez, L.G., Jara Quesada, M., Charbonnier, F., Gómez-Delgado, F., Harmand, J.-M., Rapidel, B., Vaast, P., Roupsard, O., 2014. Leaf area index as an indicator of ecosystem services and management practices: An application for coffee agroforestry. Agriculture, Ecosystems & Environment 192, 19-37. <a href="http://dx.doi.org/10.1016/j.agee.2014.1003.1042">http://dx.doi.org/10.1016/j.agee.2014.1003.1042</a> .	2014	Coffee-Flux	Carbone
van der Heijden, G., Legout, A., Pollier, B., Ranger, J., Dambrine, E. (2014). "The dynamics of calcium and magnesium inputs by throughfall in a forest ecosystem on base poor soil are very slow and conservative: evidence from an isotopic tracing experiment (Mg-26 and Ca-44)." Biogeochemistry 118(1-3): 413-442.	2014	Breuil	Biogeochemie
Verma, M., Friedl, M.A., Richardson, A.D., Kiely, G., Cescatti, A., Law, B.E., Wohlfahrt, G., Gielen, B., Roupsard, O., Moors, E.J., Toscano, P., Vaccari, F.P., Gianelle, D., Bohrer, G., Varlagin, A., Buchmann, N., van Gorsel, E., Montagnani, L., Propastin, P., 2014. Remote sensing of annual terrestrial gross primary productivity from MODIS: an assessment using the FLUXNET La Thuile data set. Biogeosciences 11, 2185-2200	2014	Fontainebleau Hesse Landes Puechabon	Carbone
Versini A., Mareschal L., Matsoumbou T., Zeller B., Ranger J., Laclau J-P. 2014. Effects of litter manipulation in a tropical Eucalyptus plantation on leaching of mineral nutrients, dissolved organic nitrogen and dissolved	2014	Pointe-Noire	Biogeochemie

Titre	Date	Sites	Thématiques
organic carbon. Geoderma 232:426-436, J.geoderma.2014.05.018			
Versini A., Zeller B., Derrien D., Mazoumbou JC., Mareschal L., Saint André L., Ranger L., Ranger J., Laclau JP. 2014. The role of harvest residues to sustain tree growth and soil nitrogen stocks in a tropical Eucalyptus plantation. Plant and Soil 376:245-260, DOI 10.1007/s11104-013-1963-y.	2014	Pointe-Noire	Carbone
Wagner F, Rossi V, Baraloto C, Bonal D, Stahl C, Herault B, 2014. Are commonly measured functional traits involved in tropical tree responses to climate ? International Journal of Ecology : 389409	2014	Guyafor	Carbone
Wagner F, Rossi V., Aubry-Kientz M., Bonal D., Dalitz H., Gliniars R., Stahl C., Trabucco A., Héault B., 2014. Pan-tropical analysis of climate effects on seasonal tree growth. PlosBiology 9(3) e92337. doi:10.1371	2014	Guyaflux	Carbone
Wang, H., et al. (2014). "Biophyscial constraints on gross primary production by the terrestrial biosphere." Biogeosciences 11(20): 5987-6001.	2014	Fontainebleau Hesse Landes Puechabon	Carbone
Wei, S. H., et al. (2014). "Data-based perfect-deficit approach to understanding climate extremes and forest carbon assimilation capacity." Environmental Research Letters 9(6): 9.	2014	Hesse Puechabon	Carbone
Wernsdorfer, H., Jonard, M., Genet, A., Legout, A., Nys, C., Saint-Andre, L. (2014). "Modelling of nutrient concentrations in roundwood based on diameter and tissue proportion: Evidence for an additional site-age effect in the case of <i>Fagus sylvatica</i> ." Forest Ecology and Management 330: 192-204.	2014	Breuil Fougeres Hesse	Biogeochemie
Wu, C. Y., et al. (2014). "The potential of the greenness and radiation (GR) model to interpret 8-day gross primary production of vegetation." Isprs Journal of Photogrammetry and Remote Sensing 88: 69-79.	2014	Fontainebleau Hesse Landes Puechabon	Carbone
Yao, Y. J., et al. (2014). "Bayesian multimodel estimation of global terrestrial latent heat flux from eddy covariance, meteorological, and satellite observations." Journal of Geophysical Research-Atmospheres 119(8): 4521-4545	2014	Fontainebleau Hesse Landes Puechabon	Carbone
Yuan, W. P., Cai, W. W.,..... Rambal, S.,....., Xia, J. Z. (2014). "Vegetation-specific model parameters are not required for estimating gross primary production." Ecological Modelling 292: 1-10.	2014	Fontainebleau Hesse Landes Puechabon	Carbone
Yuan, W., Wenwen Caia, J.X., ..... Roupsard, O., Andrej Varlagin, G.W., 2014. Global comparison of light use efficiency models for simulating terrestrial vegetation	2014	Fontainebleau Hesse Landes	Carbone

Titre	Date	Sites	Thématiques
gross primary production based on the LaThuile database. Agricultural and Forest Meteorology. 192-193:108–120. doi:10.1016/j.agrformet.2014.03.007.		Puechabon	
Ferretti M., Nicolas M., Bacaro G., Brunialtia G., Calderisi M., Croisé L., Frati L., Lanier M., Maccherini S., Santi E., Ulrich E., 2014: Plot-scale modelling to detect size, extent, and correlates of changes in tree defoliation in French high forests. <i>Forest Ecology and management</i> , 311: 56-69, <a href="http://dx.doi.org/10.1016/j.foreco.2013.05.009">http://dx.doi.org/10.1016/j.foreco.2013.05.009</a>	2014	Renecofor	Carbone
Gaudio N., Belyazid S., Gendre X., Mansat A., Nicolas M., Rizzetto S., Sverdrup H., Probst A., in press. Combined effect of atmospheric nitrogen deposition and climate change on temperate forest soil biogeochemistry: A modeling approach. <i>Ecological Modelling</i> . DOI: 10.1016/j.ecolmodel.2014.10.002	2014	Renecofor	Biogeochemie
Jonard M., Fürst A., Verstraeten A., Thimonier A., Timmermann V., Poto?i?N., Waldner P., Benham S., Hansen K., Merilä P., Ponette Q., de la Cruz A.C., Roskams P., Nicolas M., Croisé L., Ingerslev M., Matteucci G., Decinti B., Bascietto M., Rautio P., in press : Tree mineral nutrition is deteriorating in Europe. <i>Global Change Biology</i> , doi: 10.1111/gcb.12657	2014	Renecofor	Biogeochemie
Suz L.M., Barsoum N., Benham S., Dietrich H.P., Fetzer K.D., Fischer R., Garcia P., Gehrmann J., Kristöfel F., Manninger M., Neagu S., Nicolas M., Oldenburg J., Raspe S., Sanchez G., Schröck H.W., Schubert A., VerheyenK., Verstraeten A., Bidartondo M.I., 2014. Environmental drivers of ectomycorrhizal communities in Europe's temperate oak forests. <i>Molecular Ecology</i> , 23 (22): 5628-5644 DOI: 10.1111/mec.12947	2014	Renecofor	Biogeochemie
Veresoglou S.D., Peñuelas J., Fischer R., Rautio P., Sardans J., Merilä P., Tabakovic-Tosic M., Rillig M.C., 2014: Exploring continental-scale stand health - N : P ratio relationships for European forests. <i>New Phytologist</i> , 202(2): 422-30, doi: 10.1111/nph.12665	2014	Renecofor	Biogeochemie
Waldner P., Marchetto A., Thimonier A., Schmitt M., Rogora M., Granke O., Mues V., Hansen K., Pihl Karlsson G., Åhlindra D., Clarke N., Verstraeten A., Lazdins A., Schimming C., Iacoban C., Lindroos A.J., VanguelovaE., Benham S., Meesenburg H., Nicolas M., Kowalska A., Apuhtin V., Napas U., Lachmanová Z., Kristoefel F., Bleeker A., Ingerslev M., Vesterdal L., Molina J., Fischer U., 2014 : Detection of temporal trends in atmospheric deposition of inorganic nitrogen and sulphate to forests in Europe. <i>Atmospheric Environment</i> , 95: 363-374, DOI: 10.1016/j.atmosenv.2014.06.054	2014	Renecofor	Biogeochemie

Titre	Date	Sites	Thématiques
Baraloto C, Molto Q, Rabaud S, Herault B, Valencia R, Blanc L, Fine P, Thompson J, 2013. Rapid simultaneous estimation of aboveground biomass and tree diversity across neotropical forests : a comparison of field inventory methods. <i>Biotropica</i> 45 : 288-298	2013	Guyaflux Guyafor	Carbone
Archetti M., Richardson AD., O'Keefe J. & Delpierre N., 2013 - Predicting Climate Change Impacts on the Amount and Duration of Autumn Colors in a New England Forest. <i>Plos One</i> , 8, DOI: 10.1371/journal.pone.0057373.	2013	Fontainebleau	Carbone
Aubry-Kientz M, Herault B, Ayotte-Trepanier C, Baraloto C, Rossi V, 2013. Toward trait-based mortality models for tropical forests. <i>Plos One</i> 8(5) : e63678	2013	Guyafor	Carbone
Battie-Laclau, P., Laclau, J-P., Piccolo, M.C., Arenque, B.C., Beri, C., Mietton, L., Muniz, M.R.A., Jordan-Meille, L., Buckeridge, M.S., Nouvellon, Y., Ranger, J., Bouillet, J-P., 2013. Influence of potassium and sodium nutrition on leaf area components in <i>Eucalyptus grandis</i> trees. <i>Plant and Soil</i> , 371:19–35.	2013	Itatinga	Biogeochemie
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<b>Titre</b>	<b>Date</b>	<b>Sites</b>	<b>Thématiques</b>
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Titre	Date	Sites	Thématiques
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Titre	Date	Sites	Thématiques
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Titre	Date	Sites	Thématiques
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Titre	Date	Sites	Thématiques
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Titre	Date	Sites	Thématiques
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Bikindou F., Gomat U.Y., Deleporte P., Bouillet J-P.,	2012	Pointe-Noire	Biogeochemie

Titre	Date	Sites	Thématiques
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Correia A.C., MINUNNO F., CALDEIRA M.C., BANZA J., MATEUS J., CARNEIRO M., WINGATE	2012	Landes	Carbone Eau

Titre	Date	Sites	Thématiques
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