

Liste détaillée des publications :

- 53. Bremond, L.,** Aleman, J.C., Favier, C., Blarquez, O., Colombaroli, D., Connor, S.E., Cordova, C.E., Courtney-Mustaphi, C., Dabengwa, A.N., Gil-Romera, G., Gosling, W.D., Hamilton, T., Montade, V., Razafimanantsoa, A.H.I., Power, M.J., Razanatsoa, E., Yabi, I. & Vannière, B. (2024) Past fire dynamics in sub-Saharan Africa during the last 25,000 years: Climate change and increasing human impacts. *Quaternary International*. (IF 1,94)
- 52.** Xavier, S.A.S., Ledru, M.-P., **Bremond, L.,** Favier, C. & de Araújo, F.S. (2024) Millennial-scale variability of vegetation and fire activity in a northern Cerrado driven by an east-west rainfall gradient during the Holocene. *The Holocene*, **34**, 541–553. (IF 2,4)
- 51.** d'Oliveira, L., Dugerdil, L., Ménot, G., Evin, A., Muller, S.D., Ansanay-Alex, S., Azuara, J., Bonnet, C., **Bremond, L.,** Shah, M., Peyron, O., 2023. Reconstructing 15\,000 years of southern France temperatures from coupled pollen and molecular (branched glycerol dialkyl glycerol tetraether) markers (Canroute, Massif Central). *Clim. Past* 19, 2127–2156. (IF 4,2)
- 50.** Montade, V., **Bremond, L.,** Teixeira, H., Kasper, T., Daut, G., Rasoamanana, E., Ramavovolona, P., Favier, C., Arnaud, F., Radespiel, U., Behling, H., 2023. Montane rain forest dynamics under changes in climate and human impact during the past millennia in northern Madagascar. *bioRxiv*, 2023.06.07.544115 (Accepted in Royal Society Open Science). (IF 3,7)
- 49.** Assessing changes in global fire regimes SS Sayedi, et al. 2024. *Fire Ecology* 20: 18. (IF 4,7)
- 48.** Crifò, C., Berrio, J.C., Boom, A., Giraldo-Cañas, D.A., **Bremond, L.,** 2023. A paleothermometer for the northern Andes based on C₃-C₄ grass phytoliths. *Paleobiology* 1–17. (IF 2,7)
- 47.** Reinhardt, A.L., Kasper, T., Lochner, M., Bliedtner, M., Krahn, K.J., Habertzettl, T., Shumilovskikh, L., Rahobisoa, J.-J., Zech, R., Favier, C., Behling, H., **Bremond, L.,** Daut, G., Montade, V., 2022. Rain Forest Fragmentation and Environmental Dynamics on Nosy Be Island (NW Madagascar) at 1300 cal BP Is Attributable to Intensified Human Impact. *Frontiers in Ecology and Evolution*. 9. (IF 3)
- 46.** Teixeira, H., Montade, V., Salmons, J., Metzger, J., **Bremond, L.,** Kasper, T., Daut, G., Rouland, S., Ranarilalantiana, S., Rakotondravony, R., Chikhi, L., Behling, H., & Radespiel, U. 2021. Past environmental changes affected lemur population dynamics prior to human impact in Madagascar. *Communications Biology* 4: 1–10. (IF 5,9)
- 45. Bremond, L.,** Oslisly, R., Sebag, D., Bentaleb, I., Favier, C., Henga-Botsikabobe, K., Mvoubou, M., Ngomanda, A., & de Saulieu, G. 2021. Establishment and functioning of the savanna marshes of the Lopé National Park in Gabon since the termination of the African humid period and the arrival of humans 2500 years ago. *The Holocene* 31: 1186–1196. (IF 2,4)
- 44.** Bodin S, Feiss T, Molino J and **Bremond L.** (2021) Assessment of the efficiency of three sampling methods for the recovery of soil charcoals in tropical anthropogenic sites. *Quaternary International* 595: 145–154. (IF 2,4)
- 43.** Gomes Barroso FR, Gomes V dos S, Carvalho CE, Ledru MP, Favier C, Araújo FS, **Bremond L.** (2021) Phytoliths from soil surfaces and water reservoirs of the Brazilian semi-arid Caatinga. *Journal of South American Earth Sciences* 108: 103180. (IF 2,9)
- 42.** Ledru, M.-P., Jeske-Pieruschka, V., **Bremond, L.,** Develle, A.-L., Sabatier, P., Martins, E.S.P.R., de Freitas Filho, M.R., Fontenele, D.P., Arnaud, F., Favier, C., Barroso, F.R.G., Araújo, F.S., 2020. When archives are missing, deciphering the effects of public policies and climate variability on the Brazilian semi-arid region using sediment core studies. *Science of the Total Environment*. 723, 137989. (IF 10,7)
- 41.** Vélez, M.I., MacKenzie, K., Boom, A., **Bremond, L.,** Gonzalez, N., Carr, A.S., & Berrio, J.C. 2020. Lacustrine responses to middle and late Holocene anthropogenic activities in the northern tropical Andes. *Journal of Paleolimnology* 65, 123-136. (IF 2,1)

40. Henga-Botsikabobe, K., Ngomanda, A., Oslisly, R., Favier, C., Muller, S.D., **Bremond, L.** (2020). Modern pollen–vegetation relationships within tropical marshes of Lopé National Park (Central Gabon). *Review of Palaeobotany and Palynology* 275: 104168. (IF 2)
39. Bodin S.C, Molino J.F, Odonne G., **Bremond L.** (2020). Unraveling pre-Columbian occupation patterns in the tropical forests of French Guiana using an anthracological approach. *Vegetation History and Archaeobotany* 29 (5):567-580. (IF 2,6)
38. Daniau, A.-L., Desprat, S., Aleman, J.C., **Bremond, L.**, Davis, B., Fletcher, W., Marlon, J.R., Marquer, L., Montade, V., Morales-Molino, C., Naughton, F., Rius, D., & Urrego, D.H. (2019). Terrestrial plant microfossils in palaeoenvironmental studies, pollen, microcharcoal and phytolith. Towards a comprehensive understanding of vegetation, fire and climate changes over the past one million years *Revue de Micropaléontologie* 63: 1–35 (IF 0,8)
37. Bodin S.C., Scheel-Ybert R., Beauchêne J., Molino J-F. and **Bremond L.** (2019). CharKey: An electronic identification key for wood charcoals of French Guiana. *IAWA journal* 40(1):1-17. (IF 2)
36. Limier, B., Ivorra, S., Bouby, L., Figueira, I., Chabal, L., Cabanis, M., Atere, M., -Lacombe, T., Ros, J., **Bremond, L.**, Terral, J-F. (2018) Documenting the history of the grapevine and viticulture: A quantitative eco-anatomical perspective applied to modern and archaeological charcoal. *Journal of Archeological Science*. 100 45-61. (IF 3,5)
35. Montade, V., Schüler, L., Hemp, A., **Bremond, L.**, Duarte, A.M.S, Behling, H. (2018). Late Quaternary ecotone change between subalpine and montane forest zone on the dry northern slope of Mount Kilimanjaro. *Journal of Vegetation Science*. **29** 459-468. (IF 3,4)
34. **Bremond, L.**, Favier, C., Ficetola, G.F., Tossou, M.G., Akouégninou, A., Gielly, L., Giguët-Covex, C., Oslisly, R., Salzmann, U., 2017. Five thousand years of tropical lake sediment DNA records from Benin. *Quaternary Science Reviews*. 170, 203–211. (IF 4,2)
33. Morin-Rivat, J., Fayolle, A., Favier, C., **Bremond, L.**, Gourlet-Fleury, S., Bayol, N., Lejeune, P., Beeckman, H., Doucet, J.-L., (2017). Present-day central African forest is a legacy of the 19th century human history. *Elife* 6, e20343. (IF 8,7)
32. Aleman, J. C., Blarquez, O., Gourlet-Fleury, S., **Bremond, L.**, & Favier, C. (2017). Tree cover in Central Africa: determinants and sensitivity under contrasted scenarios of global change. *Scientific Reports*, **7**, 41393. (IF 5)
31. **Bremond, L.**, Bodin, S. C., Bentaleb, I., Favier, C., & Canal, S. (2017). Past tree cover of the Congo Basin recovered by phytoliths and $\delta^{13}\text{C}$ along soil profiles. *Quaternary International*, **434**, 91-101. (IF 2,4)
30. Obame, V.N., M'Voubou, M.M., Sebag, D., Oslisly, R., **Bremond, L.**, Mounguengui, M.M., Giresse, P. (2017). Le rôle de l'évolution des paysages holocènes dans le comblement des bas-fonds du Parc national de la Lopé, moyenne vallée de l'Ogooué au Gabon. *Bois et Forêts des Tropiques*. 333, 67–77. (IF 0,8)
29. Montade V., Jeferson Sampaio Diogo I., **Bremond L.**, Favier C., Ribeiro da Costa, I., Ledru MP., Paradis L., Sávio Passos Rodrigues Martins E., Burte J., Hilder Magalhães e Silva F., Franco Verola C. (2016). Pollen-based characterization of montane forest types in north-eastern Brazil. Pollen-based characterization of montane forest types in north-eastern Brazil. *Review of Palaeobotany and Palynology*, **234**, 147-158. (IF 1,9)
28. Aleman J. C., Subitani S., Favier C., **Bremond L.** Influence of the local environment on lake sedimentary phytolith records (2014). *Palaeogeography, Palaeoclimatology, Palaeoecology* **414**, 273-283. (IF 3,6)

27. Dezileau L., Terrier B. Berger J. F., Blanchemanche P., Latapie, A., Freydier R., **Bremond L.**, Paquier A., Lang M., Delgado J.L. (2014) A multidating approach applied to historical slackwater flood deposits of the Gardon River, SE France. *Geomorphology*, **214**, 56-68. (IF 4,4)
26. Morin-Rivat J., Fayolle A., Gillet J-F., Bourland N., Gourlet-Fleury S., Oslisly R., **Bremond L.**, Bentaieb I., Beeckman H., Doucet J-L. (2014) New evidence of human activities during the Holocene in the lowland forests of the northern Congo Basin. *Radiocarbon*, **56**, vol. 1, 209-220. (IF 8,3)
25. Lim S., Ledru, M-P. Valdez F., Devillers B., Hougnon A., Favier C. **Bremond L.** Ecological effects of natural hazards and human activities on the Ecuadorian Pacific coast during the late Holocene. (2014) *Palaeogeography, Palaeoclimatology, Palaeoecology*, **415**, 197-209. (IF 3,6)
24. Aleman J. C., Blarquez O., Bentaieb I., Bonté P., Brossier B., Carcaillet C., Gond V., Gourlet-Fleury S., Kpolita A., Lefèvre I., Oslisly R., Power M., Yongo O., **Bremond L.**, & Favier C. (2013) Tracking land-cover changes with sedimentary charcoal in the Afrotropics. *The Holocene*, **23**, 1853-1862. (IF 3,1)
23. Aleman J., Saint-Jean A., Leys B., Carcaillet C., Favier C. & **Bremond L.** (2013). Estimating phytolith influx in lake sediments. *Quaternary Research*, **80**, 341-347. (IF 2,8)
22. Ledru M-P., Jomelli V., **Bremond L.**, Ortuño T., Cruz P., Bentaieb I., Sylvestre F., Kuentz A., Beck S., Martin C., Paillès C., Subitani S. Evidence of moist niches in the Bolivian Andes during the mid-Holocene arid period. *The Holocene*, **23**, 11, 1547-1559. (IF 3,1)
21. Oris F., Lamentowicz M., Genries A. L., Mourier B., Blarquez O., Ali A., **Bremond L.**, Carcaillet C. (2013) Holocene changes in climate and land use drove shifts in the diversity of testate amoebae in a subalpine pond. *Journal of Paleolimnology*, 1-14. (IF 2,3)
20. Ali A. A., Blarquez O., Girardin M. P., Hély C., Tinquaut F., El Guellab A., Valsecchi V., Terrier A., **Bremond L.**, Genries A. (2012) Control of the multimillennial wildfire size in boreal North America by spring climatic conditions. *Proceedings of the National Academy of Sciences*, **109**, 20966-20970. (IF 11,1)
19. **Bremond L.**, Boom, A. and Favier, C. (2012), Neotropical C₃/C₄ grass distributions – present, past and future. *Global Change Biology*. **18**, 2324-2334. (IF 13,2)
18. Aleman J., Leys B., Apema R., Bentaieb I., Dubois M. A., Lamba B., Lebamba J., Martin C., Ngomanda A., Truc L., Yangakola J.-M., Favier C. & **Bremond L.** (2012) Reconstructing savanna tree cover from pollen, phytoliths and stable carbon isotopes. *Journal of Vegetation Science*, **23**, 187-197. (IF 3,4)
17. Favier C., Aleman J., **Bremond L.**, Dubois M. A., Freycon V., Yangakola J.-M. (2012) Abrupt shifts in African savanna tree cover along a climatic gradient. *Global Ecology and Biogeography* **21**(8): 787-797. (IF 6,9)
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15. Blarquez, O., **Bremond L.**, Carcaillet, C. (2010) Holocene fires and a herb-dominated understory track wetter climates in subalpine forests. *Journal of Ecology* **98**(6): 1358-1368. (IF 5,4)
14. Opfergelt S., Cardinal D., André L., Delvigne C., **Bremond L.**, Delvaux B. (2010) Variations of d³⁰Si and Ge/Si with weathering and biogenic input in tropical basaltic ash soils under monoculture. *Geochimica Et Cosmochimica Acta*, **74**, 225-240. (IF 5,9)
13. Blarquez O, Carcaillet C, **Bremond L.**, Mourier B, Radakovitch O (2009) Trees in the subalpine belt since 11 700 cal. BP: origin, expansion and alteration of the modern forest. *The Holocene*, **20** (1), 139-146. (IF 3,1)
12. WoldeGabriel G, Ambrose SH, Barboni D, Bonnefille R, **Bremond L.**, Currie B, DeGusta D, Hart WK, Murray AM, Renne PR, Jolly-Saad MC, Stewart KM, White TD (2009) The Geological, Isotopic, Botanical,

Invertebrate, and Lower Vertebrate Surroundings of *Ardipithecus ramidus*. *Science* 326, 65-655. (IF 47,8)

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9. Carcaillet C., Ali A.A., Blarquez O., Genries A., Mourier B., and **Bremond L**. (2009) Spatial variability of fire history in subalpine forests: from natural to cultural regimes. *Ecoscience* 16(1). (IF 1,5)

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