

Dans nos murs

Bourses & Projets

Rivières2070. Lauréat de l'appel à projets 80Prime du CNRS. Le projet propose une nouvelle approche des rivières : prospective à 50 ans au croisement des dynamiques naturelles et anthropiques. Coordination: Laurent Longuevergne & Véronique van Tilbeurgh (ESO Rennes, ENSHS);". [Plus d'infos](#)

Musée & collections

Création du GIS ReColNat. Dispositif national pour faciliter l'accessibilité physique et virtuelle aux collections naturalistes. Adhésion de l'Université Rennes 1 à ce GIS validée par un vote en CA le 28 mai 2020. Contacts pour les collections de Géosciences: M. Lemaire & D. Gendry. [Plus d'infos](#)

Communications

Séminaires

1. **Landscapes Live.** Lancement d'un cycle hebdomadaire de séminaires internationaux en géomorphologie, exclusivement en ligne et en anglais, à l'initiative de Philippe Steer et en partenariat avec des collègues des universités de Aarhus (Danemark), Potsdam (Allemagne) et Grenoble-Alpes. [Plus d'infos](#)

Publications

Articles

2. Bersac S., Bert D. 2020. The heteromorph ammonite genus *Ancyloceras* (Ancyloceratidae) in the Paris Basin (lower Aptian, Lower Cretaceous, NE France). *Annales de Paléontologie*, 106(2): 102365. [DOI](#)
3. Breton G., Jäger M., Koci T. 2020. The sclerobionts of the Bajocian Oolithe ferrugineuse de Bayeux Formation from Calvados (Paris Basin, Normandy, France). *Annales de Paléontologie*, 106(1): 102361. [DOI](#)
4. Loréal E., Villa A., Georgalis G., Delfino M. 2020. Amphibians and reptiles from the late Miocene and early Pliocene of the Ptolemais area (Western Macedonia, Greece). *Annales de Paléontologie*, 106(3): 102407. [DOI](#)
5. Mahamat Nour A., Vallet-Coulomb C., Bouchez C., P. Ginot P., J. Doumnang J., et al. 2020. Geochemistry of the Lake Chad tributaries under strongly varying hydro-climatic conditions. *Aquatic Geochemistry*, 26: 3-29. [DOI](#)
6. Duret T., Asti R., Lagabrielle Y., Brun J.-P., Jourdon A., Clerc C., Corre B. 2020. Numerical modelling of Cretaceous Pyrenean Rifting: The interaction between mantle exhumation and syn-rift salt tectonics. *Basin Research*, 32(4): 652-667. [DOI](#)

7. Bouju V., Perrichot V. 2020. A review of amber and copal occurrences in Africa and their paleontological significance. *BSGF – Earth Sciences Bulletin*, 191: art. n° 17 (11 pp.). [DOI](#)
8. Chény C., Guillam E., Nel A., Perrichot V. 2020. A new species of *Ampulicomorpha* Ashmead from Eocene French amber, with a list of fossil and extant Embolemidae (Insecta: Hymenoptera) of the world. *BSGF – Earth Sciences Bulletin*, 191: art. n° 20 (7 pp). [DOI](#)
9. De Hoÿm de Marien L., Pitra P., Cagnard F., Le Bayon B. 2020. Prograde and retrograde *P–T* evolution of a Variscan high-temperature eclogite, French Massif Central, Haut-Allier. *BSGF – Earth Sciences Bulletin*, 191: art. n° 14 (14 pp). [DOI](#)
10. Moreau J.-D., Néraudeau D., Perrichot V. 2020. Conifers from the Cenomanian amber of Fouras (Charente-Maritime, western France). *BSGF – Earth Sciences Bulletin*, 191: art. n° 16 (5 pp.). [DOI](#)
11. Gendry D. 2020. 100 ans de géologie au sein de la Société géologique et minéralogique de Bretagne. *Bulletin de la Société Géologique et Minéralogique de Bretagne*, 1920-2020 le centenaire, D, 18: 3-68.
12. Pradel A., El Hadri H., Desmet C., Ponti J., Reynaud S., Grassl B., Gigault J. 2020. Deposition of environmentally relevant nanoplastic models in sand during transport experiments. *Chemosphere*, 255: 126912. [DOI](#)
13. Wahl A., Le Juge C., Davranche M., El Hadri H., Grassl B., Reynaud S., Gigault J. 2021. Nanoplastic occurrence in a soil amended with plastic debris. *Chemosphere*, 262: 127784. [DOI](#)
14. Tardif D., Fluteau F., Donnadiou Y., Le Hir G., Ladant J.-B., Sepulchre P., Licht A., Poblete F., Dupont Nivet G. The origin of Asian monsoons: a modelling perspective. *Climate of the Past*, 16: 847-865. [DOI](#)
15. Jouault C., Ngô-Muller V., Pouillon J.-M., Nel A. 2020. Taxonomic additions to the peleciniid wasps (Hymenoptera, Peleciniidae) of the ‘mid-Cretaceous’ Burmese amber. *Cretaceous Research*, 114: 104505. [DOI](#)
16. Jouault C., Perrichot V., Nel A. 2020. A new genus and species of parasitic wasps (Hymenoptera, Diapriidae) from Hkamti ‘mid-Cretaceous’ Burmese amber. *Cretaceous Research*, 115: 104533. [DOI](#)
17. Ngô-Muller V., Jouault C., Garrouste R., Nel A. 2020. Potential new evidences of bee fly parasitoidism on ground-dwelling insects in mid-Cretaceous Burmese amber (Diptera: Bombyliidae). *Cretaceous Research*, 114: 104524. [DOI](#)
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19. Morvan T., Lemoine C., Gaillard F., Hamelin G., Trinkler B., Carteaux L., Petitjean P., *et al.* 2020. A comprehensive dataset on nitrate, nitrite and dissolved organic carbon leaching losses from a 4-year lysimeter study. *Data in Brief*, 32: 106029. [DOI](#)
20. Carretier S., Guerit L., Harries R., Regard V., Maffre P., Bonnet S. 2020. The distribution of sediment residence times at the foot of mountains and its implications for proxies recorded in sedimentary basins. *Earth and Planetary Science Letters*, 546: 116448. [DOI](#)

21. Gallagher K., Ketcham R.A. 2020. Comment on the reply to the comment on “Thermal history modelling: HeFTy vs. QTQt” by Vermeesch and Tian, *Earth-Science Reviews* (2014), 139, 279–290. *Earth-Science Reviews*, 203: 102878. [DOI](#)
22. Mouyen M., Steer P., Chang K., Le Moigne N., Hwang C., Hsieh W., Jeandet L., Longuevergne L., *et al.* 2020. Quantifying sediment mass redistribution from joint time-lapse gravimetry and photogrammetry surveys. *Earth Surface Dynamics*, 8(2): 555–577. [DOI](#)
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24. Molron J., Linde N., Baron L., Selroos J.-O., Darcel C., Davy P. 2020. Which fractures are imaged with Ground Penetrating Radar? Results from an experiment in the Äspö Hardrock Laboratory, Sweden. *Engineering Geology*, 273: 105674. [DOI](#)
25. Licciardi A., England R., Agostinetti N., Gallagher K. 2020. Moho depth of the British Isles: a probabilistic perspective. *Geophysical Journal International*, 221(2): 1384–1401. [DOI](#)
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28. Perkovsky E.E., Martynova K.V., Mita T., Olmi M., Zheng Y., Müller P., Zhang Q., Gantier F., Perrichot V. 2020. A golden age for ectoparasitoids of Embiodea: Cretaceous Sclerogibbidae (Hymenoptera, Chrysidoidea) from Kachin (Myanmar), Charentes (France) and Choshi (Japan) ambers. *Gondwana Research*, 87: 1–22. [DOI](#)
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32. Licciardi A., Gallagher K., Clark S. 2020. A Bayesian approach for thermal history reconstruction in basin modeling. *Journal of Geophysical Research : Solid Earth*, 125(7): e2020JB019384. [DOI](#)

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38. Thiéblemont A., Hernandez-Molina F.J., Ponte J.-P., Robin C., Guillocheau F., *et al.* 2020. Seismic stratigraphic framework and depositional history for Cretaceous and Cenozoic contourite depositional systems of the Mozambique Channel, SW Indian Ocean. *Marine Geology*, 425: 106192. [DOI](#)
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40. Poitrenaud T., Poujol M., Augier R., Marcoux E. 2020. The polyphase evolution of a late Variscan W/Au deposit (Salau, French Pyrenees): insights from REE and U/Pb LA-ICP-MS analyses. *Mineralium Deposita*, 55: 1127-1147. [DOI](#)
41. Jouault C., Ngô-Muller V., Zhang Q., Nel A. 2020. New empidoid flies (Diptera: Atelestidae; Dolichopodidae) from mid-Cretaceous Burmese amber. *Palaeoentomology*, 3: 204-211. [DOI](#)
42. Jouault C., Pouillon J.-M., Nel A. 2020. The first fossil horntail wasp (Hymenoptera: Siricidae) from Lower Cretaceous Crato Formation in Brazil. *Palaeoentomology*, 3: 382-389. [DOI](#)
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45. O'Connor L., Jenkyns H., Robinson S., Rimmelzwaal S.R.C., Batenburg S., *et al.* 2020. A re-evaluation of the Plenus Cold Event, and the links between CO₂, temperature, and seawater chemistry during OAE2. *Paleoceanography and Paleoclimatology*, 35(4): e2019PA003631. [DOI](#)
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51. Steer P., Jeandet L., Cubas N., Odin M., Meunier P., Simoes M., Cattin R., Shyu J.B.H., Mouyen M., *et al.* 2020. Earthquake statistics changed by typhoon-driven erosion. *Scientific Reports*, 10(1): 10899. [DOI](#)
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Ouvrages, chapitres d'ouvrage, volumes thématiques, manuels, rapports

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2. Dupas R., Causse J., Duval Q., Jaffrézic A., Pichelin P., Aquilina L., Durand P. 2020. Diagnostic très haute résolution des zones d'émission et d'abattement du nitrate dans les bassins versants algues vertes. Rapport final du projet DEMAiN. INRAE