Publication spéciale

Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds)

Short Papers from the 19th French Congress of Sedimentology

Clélia Billières, Julie Billy, Raphaël Bourillot, Hugues Feniès. Characterization of barchanoid dune systems on the Cap Ferret spit (Aquitaine), 2025. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.1-4 ⟨10.70665/AEMK1901⟩. ⟨hal-05004261⟩

Lucas Bindelli, Federico Haspert, Mariano Re, Lucas Hernández, Leandro Kazmierski. A first approach to modelling fine-sediment dynamics in the Santa Cruz River estuary, southern Patagonia, 2025. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.5-8 ⟨10.70665/NJHI3616⟩ ⟨hal-05005167⟩

Émeline Bourrier, Gaëlle Mathieu, Hervé Leyrit, Réjanne Le Bivic, Elsa Ottavi-Pupier, Maxime Denis, Julien Duquennoy, Arnaud Dujanny, 2025. Distribution of rootless cones and landforms resulting from water-lava interactions at hagi in the Aðaldalur valley (Iceland), 2025. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.9-12 ⟨10.70665/WDLH3582⟩. ⟨hal-05005185⟩

Pierre Boussagol, Emmanuelle Vennin, Madeline Duret, Aline Bonnotte, Élodie Noirot, Chrystel Deulvot, Irina Bundeleva, Pieter Visscher, 2025. Biotic processes involved in the mineralization of tufa deposits. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.13-20 ⟨10.70665/BCCM2113⟩. ⟨hal-05005262⟩

Solène Cazalis-Henry, Seuront Laurent, Camille Delaeter, Camille Hennion, Ombeline Deplechin, Nicolas Spilmont, 2025. Impact of microplastic white tide on the light and dark metabolism of the macroalgae Fucus serratus: petroleum-based vs biosourced polymers. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.21-26 ⟨10.70665/GVNU5485⟩. ⟨hal-05005313⟩

Adrien de Perthuis, Cyril Gagnaison, Sébastien Potel, 2025. The Centre-Val de Loire region (France) in relation to the Middle Miocene climatic optimum: a more accurate stratigraphic dating. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.27-30 ⟨10.70665/NJSM4169⟩. ⟨hal-05005325⟩

Julien Didier, Bernard Fanget, Raphaël Gallet, Stéphane Jaillet, Emmanuel Mallet, Gaël Monvoisin, Edouard Regnier, 2025. Retour d'expérience de carottage avec du matériel léger en eau peu profonde à l'aide d'une aiguille vibrante à béton. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.31-34 ⟨10.70665/OOKQ5196⟩. ⟨hal-05005337⟩

Publication spéciale

Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds)

Pauline Dodinet, Isabelle Kowalewski, Eric Kohler, Herman Ravelojanoa, Melissa Tellez, Wenda Dherbois, Vilaine Lamoureux-Var, Armelle Riboulleau, 2025. Organic matter in the sediments of Guaymas basin, a study by ROCK-EVAL 7S®. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.35-38 ⟨10.70665/NQPJ2016⟩. ⟨hal-05007532⟩

Ophélie Faÿ, Matheus Kroth, Hannes Claes, Andrew R Farrant, Sarah Vandycke, Mark Woods, 2025. Chalk marl seams: not quite what they seem... Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.39-42 ⟨10.70665/DZYC6363⟩. ⟨hal-05005365⟩

Ophélie Faÿ, Eric Lasseur, Fabien Paquet, 2025. Flamborough head's Upper Cretaceous Chalk: insights into a mixed deep-sea sedimentation system. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.43-47 ⟨10.70665/MGOB2437⟩. ⟨hal-05005376⟩

Clément Frigola, Gwendoline Grégoire, Anne Murat, Emmanuel Poizot, Florian Haitz, Benjamin Le Lorec, Ingrid Peuziat, Stéphane Costa, Yann Méar, 2025. Carbonate sources and dynamics in coastal environments: application off the coast of Saint-Valéry-en-Caux (Seine-Maritime). Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.49-54 ⟨10.70665/JJFU8016⟩. ⟨hal-05005384⟩

Chloé Garcia, Boris Brasseur, Agnès Gauthier, Lou-Anne Mathieu, Dierk Michaelis, Jérémy Bacon, Ségolène Saulnier-Copard, Pierre Antoine, 2025. Weichselian lateglacial and Holocene fluvial dynamics variability in the Somme basin: the evolution of an alluvial peatland. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology, 84, pp.55-58 ⟨10.70665/MJEW6151⟩. ⟨hal-05005410⟩

Benjamin Le Lorec, Gwendoline Grégoire, Anne Murat, Régis Gallon, Yann Méar, Emmanuel Poizot, Bernadette Tessier, Laurent Dezileau, Lucile Furgerot, Yohann Poprawski, Benoît Laignel, 2025. Evolution of sedimentary depositional environments from the iron age to the present day in Cul-de-Loup Bay (Normandy, France): an illustration of intertidal environment vulnerability under significant human impact. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.59-65 ⟨10.70665/ZJUI3038⟩. ⟨hal-05005423v2⟩

Anne Murat, Emmanuel Poizot, Gwendoline Gregoire, Pierre Weill, Valentin Le Goff, Christoph Mensens, Léo Pancrazzi, Clément Frigola, Yann Méar, 2025. The dynamics of silica sediment at the ECUSED site in the Baie de Seine based on the COVA methodology: (1) glauconite traced by arsenic. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.67-73 ⟨10.70665/GHZD8391⟩. ⟨hal-05005433⟩

Alexandre Ortiz, Aloys Baudesson, Christine Flehoc, Catherine Guerrot, Xavier LopezOlivier Douez, Gbrielle Rumbach, 2025. Hypothesis on the karstification/dolomitization of the Barremian reservoir in Parentis Basin. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.75-80 ⟨10.70665/VYWM6440⟩. ⟨hal-05003728⟩

Publication spéciale

Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds)

Jean-Yves Reynaud, Rachid Ouchaou, Alain Trentesaux, Roa Seif Dine, Nicolas RobinOlivier Raynal, Franz Rohmer, Thomas Buchwald, Pierre Antoine, 2025. MASW-2d seismic as a tool for investigating the architecture of Holocene coastal deposits: examples in the North of France (Boulonnais and Flemish coastal plain). Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.81-85 ⟨10.70665/HRYX3362⟩. ⟨hal-05005438⟩

Laurent Seuront, 2025. Contamination of Pyrénées mountain streams by agricultural synthetic fibre ropes and a first assessment of their potential effect on aquatic and terrestrial gastropods. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.87-95 ⟨10.70665/HXMQ9979⟩. ⟨hal-05005448⟩

Bernadette Tessier, Thibaud Lortie, José I Cuitiño, Jean-Yves Reynaud, Roberto A Scasso, Sebastián M Richiano, Léo Pancrazzi, Edward Salameh, Michel Condomines, Laurent Dezileau, Malala Lekander, 2025. Rhythmites preserved in intertidal flat successions of the hypertidal Santa Cruz – Chico River estuary (southern Patagonia, Argentina). Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.97-102 ⟨10.70665/JFEB5133⟩. ⟨hal-05005453⟩

Camille Décultot, Nicolas Chevalier, Lionel Denis, 2025. Impact of dike removal on carbon balances in estuarine intertidal zones. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.103-108 ⟨10.70665/QMKP9733⟩. ⟨hal-05011423⟩

Lionel Denis, Léna Kocyla, Gwendoline Duong, 2025. The impact of ploughing on sediment mineralization rates in the salt marshes of the Somme estuary. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.109-114 ⟨10.70665/ETLM9534⟩. ⟨hal-05011426⟩

Walid Oueslati, Haifa Ben Mna, Mohamed Amine Helali, Takwa Mghirbi, Amina Ben Mefteh, Sarah Ben Jeddi, Valérie Mesnage, 2025. Measuring alkalinity fluxes at the water-sediment interface in aquatic ecosystems of the Tunisian littoral: impact on pH and inorganic carbon storage. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.115-118 ⟨10.70665/NRKC6125⟩. ⟨hal-05011429⟩

Emmanuel Poizot, Yann Méar, Anne Murat, Clément Frigola, Gwendoline Grégoire, Benjamin Le Lorec, 2025. Multi-proxy sediment trend analysis (MSTA): sedimentary dynamics from source to sink. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.119-124 ⟨10.70665/CWLY5236⟩. ⟨hal-05037948⟩

Marine Uguen, Sylvie Marylène Gaudron, Lorenzo Cozzolino, Laurent Seuront, 2025. Influence of the reproductive cycle and sex on microplastic toxicity in mussels. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.125-132 ⟨10.70665/UGKJ1284⟩. ⟨hal-05023922v2⟩

Publication spéciale

Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds)

Julie Billy, Vivien Baudouin, Manuel Garcin, Gildas Noury. Beneath the Vendée dunes: former coastal systems, interface between marsh and foreshore revealed by ground-penetrating radar and core-penetration testing. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.133-137 ⟨10.70665/IJUH4247⟩. ⟨hal-05024165⟩

Minka Moreau-Ledegen, Mathieu Martinez, Beatriz Aguirre-Urreta, Eleys Ben Saïd, Brieuc Rabu, Pierre Pellenard, Anne-Catherine Pierson-Wickmann, 2025. Deep-time astronomical forcing on organic carbon isotope values: a tool for global correlation at 10^5-year scale. Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français,84, pp.139-143 ⟨10.70665/EXDU8024⟩. ⟨hal-05029478⟩

Kentin Plègue, Nicolas Spilmont, Lionel Denis, 2025. Carbon budgets within temperate coastal ecosystems and comparaison with Picard estuaries (north of France). Jean-Yves Reynaud & Eric Armynot du Châtelet (Eds). Short Papers from the 19th French Congress of Sedimentology. Association des Sédimentologistes Français, 84, pp.145-150 ⟨10.70665/OHCQ6606⟩. ⟨hal-05036963⟩