

DYNAMIQUE DU CLIMAT ET DE L'ENVIRONNEMENT GLOBAL**Articles**

- 02096** - SANCHEZ GONI, M.F., CACHO, I., TURON, J.L., GUIOT, J., SIERRA, F.J., PEYPOUQUET, J.P., GRIMALT, J.O., SHACKLETON, N.J. (2002) - Synchronicity between marine and terrestrial responses to millennial scale climatic variability during the last glacial period in the Mediterranean region. - *Climate Dynamics*, 19: 95-105.
- 03005** - TOUCHARD, Y., ROCHETTE, P., AUBRY, M.P., MICHARD, A. (2003) - High-resolution magnetostratigraphic and biostratigraphic study of Ethiopian traps-related products in Oligocene sediments from the Indian Ocean. - *Earth and Planetary Science Letters*, 206: 493-508.
- 03006** - KECHRA, F., VANDAMME, D., ROCHETTE, P. (2003) - Tertiary remagnetization of normal polarity in Mesozoic marly limestones from SE France. - *Tectonophysics*, 362: 219-238.
- 03016** - MORON, V., GOUIRAND, I. (2003) - Seasonal modulation of the El Niño-southern oscillation relationship with sea level pressure anomalies over the North Atlantic in October-March 1873-1996. - *International Journal of Climatology*, 23: 143-155.
- 03019** - COCHRAN, J.K., LANDMAN, N.H., TUREKIAN, K.K., MICHARD, A., SCHRAG, D.P. (2003) - Paleooceanography of the Late Cretaceous (Maastrichtian) Western interior seaway of North America: evidence from Sr and O isotopes. - *Palaeogeography Palaeoclimatology Palaeoecology*, 191: 45-64.
- 03020** - GACHET, S., BREWER, S., CHEDDADI, R., DAVIS, B., GRITTI, E., GUIOT, J. (2003) - A probabilistic approach to the use of pollen indicators for plant attributes and biomes: an application to European vegetation at 0 and 6 ka. - *Global Ecology and Biogeography*, 12: 103-118.
- 03021** - DELHON, C., ALEXANDRE, A., BERGER, J.F., THIEBAULT, S., BROCHIER, J.L., MEUNIER, J.D. (2003) - Phytolith assemblages as a promising tool for reconstructing Mediterranean Holocene vegetation. - *Quaternary Research*, 59: 48-60.
- 03022** - MISSON, L., VINCKE, C., DEVILLEZ, F. (2003) - Frequency responses of radial growth series after different thinning intensities in Norway spruce (*Picea abies* (L.) Karst.) stands. - *Forest Ecology and Management*, 177: 51-63.
- 03034** - MORON, V., PLAUT, G. (2003) - The impact of El Niño-Southern Oscillation upon weather regimes over Europe and the North Atlantic during Boreal winter. - *International Journal of Climatology*, 23: 363-379.
- 03054** - SCHULTE, S., BARD, E. (2003) - Past changes in biologically mediated dissolution of calcite above the chemical lysocline recorded in Indian Ocean sediments. - *Quaternary Science Reviews*, 22: 1757-1770.
- 03055** - DAVIS, B.A.S., BREWER, S., STEVENSON, A.C., GUIOT, J., Data Contributors (2003) - The temperature of Europe during the Holocene reconstructed from pollen data. - *Quaternary Science Reviews*, 22: 1701-1716.
- 03056** - DELAYGUE, G., STOCKER, T.F., JOOS, F., PLATTNER, G.K. (2003) - Simulation of atmospheric radiocarbon during abrupt oceanic circulation changes: trying to reconcile models and reconstructions. - *Quaternary Science Reviews*, 22: 1647-1658.
- 03057** - MAGNY, M., BEGEOT, C., GUIOT, J., PEYRON, O. (2003) - Contrasting patterns of hydrological changes in Europe in response to Holocene climate cooling phases. - *Quaternary Science Reviews*, 22: 1589-1596.
- 03060** - MAGNY, M., BEGEOT, C., GUIOT, J., MARGUET, A., BILLAUD, Y. (2003) - Reconstruction and paleoclimatic interpretation of mid-Holocene vegetation and lake-level changes at Saint-Jorioz, Lake Annecy, French Pre-Alps. - *The Holocene*, 13/2: 265-275.
- 03064** - MULLER, S.D., RICHARD, P.J.H., GUIOT, J., BEAULIEU de, J.L., FORTIN, D. (2003) - Postglacial climate in the St Lawrence lowlands, southern Quebec: pollen and lake-level evidence. - *Palaeogeography Palaeoclimatology Palaeoecology*, 193: 51-72.
- 03065** - KLOTZ, S., GUIOT, J., MOSBRUGGER, V. (2003) - Continental European Eemian and early Würmian climate evolution: comparing signals using different quantitative reconstruction approaches based on pollen. - *Global and Planetary Change*, 36: 277-294.
- 03070** - VINCENS, A., WILLIAMSON, D., THEVENON, F., TAIEB, M., BUCHET, G., DECOBERT, M., THOUVENY, N. (2003) - Pollen-based vegetation changes in southern Tanzania during the last 4200 years: climate change and/or human impact. - *Palaeogeography Palaeoclimatology Palaeoecology*, 198: 321-334.
- 03073** - MORON, V., PHILIPPON, N., FONTAINE, B. (2003) - Skill of Sahel rainfall variability in four atmospheric GCMs forced by prescribed SST. - *Geophysical Research Letters*, 30/23: 2221 (CLM 7/1-4).
- 03075** - TACHIKAWA, K., ATHIAS, V., JEANDEL, C. (2003) - Neodymium budget in the modern ocean and paleo-oceanographic implications. - *Journal of Geophysical Research*, 108/C8: 3254 (10/1-13).

- 03076** - JOUZEL, J., VIMEUX, F., CAILLON, N., DELAYGUE, G., HOFFMANN, G., MASSON-DELMOTTE, V., PARRENIN, F. (2003) - Magnitude of isotope/temperature scaling for interpretation of central Antarctic ice cores. - *Journal of Geophysical Research*, 108/D12: 4361 (ACL 6/1-6).
- 03081** - GOUIRAND, I., MORON, V. (2003) - Variability of the impact of El-Nino-southern oscillation on sea-level pressure anomalies over the North Atlantic in January to March (1874-1996). - *International Journal of Climatology*, 13: 1549-1566.
- 03092** - MORON, V. (2003) - L'évolution séculaire des températures de surface de la mer Méditerranée (1856-2000). - *Comptes Rendus Geoscience - Académie des Sciences Paris*, 335: 721-727.
- 03118** - BEAUFORT, L., GARIDEL-THORON de, T., LINSLEY, B., OPPO, D., BUCHET, N. (2003) - Biomass burning and oceanic primary production estimates in the Sulu Sea area over the last 380 kyr and the East Asian monsoon dynamics. - *Marine Geology*, 201: 53-65.
- 04004** - BARD, E. (2004) - Greenhouse effect and ice ages: historical perspective. - *Comptes Rendus Geoscience - Académie des Sciences Paris*, 336: 603-638.
- 04008** - BARD, E., ROSTECK, F., MENOT-COMBES, G. (2004) - A better radiocarbon clock. - *Science*, 303: 178-179.
- 04023** - ROSELL-MELE, A., BARD, E., EMEIS, K.C., GRIEGER, B., HEWITT, C., MULLER, P.J., SCHNEIDER, R.R. (2004) - Sea surface temperature anomalies in the oceans at the LGM estimated from the alkenone-Uk37 index: comparison with GCMs. - *Geophysical Research Letters*, 31: L03208 1-4.
- 04032** - BEAUFORT, L., DOLLFUS, D. (2004) - Automatic recognition of coccoliths by dynamical neural networks. - *Marine Micropaleontology*, 51: 57-73.
- 04036** - THOUVENY, N., CARCAILLET, J., MORENO, E., LEDUC, G., NERINI, D. (2004) - Geomagnetic moment variation and paleomagnetic excursions since 400 kyr BP: a stacked record from sedimentary sequences of the Portuguese margin. - *Earth and Planetary Science Letters*, 219: 377-396.
- 04037** - DELMONTE, B., BASILE-DOELSCH, I., PETIT, J.R., MAGGI, V., REVEL-ROLLAND, M., MICHARD, A., JAGOUTZ, E., GROUSSET, F. (2004) - Comparing the Epica and Vostok dust records during the last 220,000 years: stratigraphical correlation and provenance in glacial periods. - *Earth-Science Reviews*, 66: 63-87.
- 04042** - MARRET, F., LEROY, S., CHALIE, F., GASSE, F. (2004) - New organic-walled dinoflagellate cysts from recent sediments of Central Asian seas. - *Review of Palaeobotany and Palynology*, 129: 1-20.
- 04047** - BREMOND, L., ALEXANDRE, A., VELA, E., GUIOT, J. (2004) - Advantages and disadvantages of phytoliths analysis for the reconstruction of Mediterranean vegetation: an assessment based on modern phytolith, pollen and botanical data (Luberon, France). - *Review of Palaeobotany and Palynology*, 129: 213-228.
- 04052** - BARD, E., ROSTEK, F., MENOT-COMBES, G. (2004) - Radiocarbon calibration beyond 20,000 14C yr B.P. by means of planktonic foraminifera of the Iberian Margin. - *Quaternary Research*, 61: 204-214.
- 04059** - PRABHU, C.N., SHANKAR, R., ANUPAMA, K., TAIEB, M., BONNEFILLE, R., VIDAL, L., PRASAD, S. (2004) - A 200-ka pollen oxygen-isotopic record from two sediment cores from the eastern Arabian Sea. - *Palaeogeography Palaeoclimatology Palaeoecology*, 214: 309-321.
- 04067** - THEVENON, F., BARD, E., WILLIAMSON, D., BEAUFORT, L. (2004) - A biomass burning record from the West Equatorial Pacific over the last 360 ky: methodological, climatic and anthropic implications. - *Palaeogeography Palaeoclimatology Palaeoecology*, 213: 83-99.
- 04068** - MORON, V., PHILIPPON, N., FONTAINE, B. (2004) - Simulation of West African monsoon circulation in four atmospheric general circulation models forced by prescribed sea surface temperature. - *Journal of Geophysical Research*, 109/D24105: 1-18.
- 04075** - GAYER, E., PIK, R., LAVE, J., FRANCE-LANORD, C., BOURLES, D., MARTY, B. (2004) - Cosmogenic ³He in Himalayan garnets indicating an altitude dependence of the ³He/¹⁰Be production ratio. - *Earth and Planetary Science Letters*, 229: 91-104.
- 04077** - CAMOIN, G.F., MONTAGGIONI, L.F., BRAITHWAITE, C.J.R. (2004) - Late glacial to post glacial sea levels in the Western Indian Ocean. - *Marine Geology*, 206: 119-146.
- 04081** - DELMONTE, B., PETIT, J.R., ANDERSEN, K.K., BASILE-DOELSCH, I., MAGGI, V., LIPENKOV, V.Y. (2004) - Dust size evidence for opposite regional atmospheric circulation changes over East Antarctica during the last climatic transition. - *Climate Dynamic*, 23/3-4: 427-438.
- 04084** - PONS-BRANCHU, E., HAMELIN, B., BRULHET, J., BRUXELLES, L. (2004) - Speleothem rupture in karst: tectonic or climatic origin? U-Th dating of rupture events in Salamandre Cave (Gard, Southeastern France). - *Bulletin de la Société Géologique de France*, 175/5: 473-479.
- 04108** - GARIDEL-THORON de, T., BEAUFORT, L., BASSINOT, P., HENRY, P. (2004) - Evidence for large methane releases to the atmosphere from deep-sea gas-hydrate dissociation during the last glacial episode. - *Proceedings of the National Academy of Science*, 101/25: 9187-9192.

- 04111** - BONFILS, C., NOBLET-DUCOUDRE de, N., GUIOT, J., BARTLEIN, P. (2004) - Some mechanisms of mid-Holocene climate change in Europe, inferred from comparing PMIP models to data. - *Climate Dynamics*, 23/1: 79-98.
- 04116** - GRITTI, E.S., GACHET, S., SYKES, M.T., GUIOT, J. (2004) - An extended probabilistic approach of plant vital attributes: an application to european pollen records at 0 and 6 ka. - *Global Ecology and Biogeography*, 13: 519-533
- 04117** - GUIOT, J., CHEDDADI, R. (2004) - Variabilité des écosystèmes terrestres et du climat sur un cycle glaciaire-interglaciaire. - *Comptes Rendus Geoscience*, 336: 667-675.
- 04120** - MISSON, L., RATHGEBER, C., GUIOT, J. (2004) - Dendroecological analysis of climatic effects on *Quercus petraea* and *Pinus halepensis* growth using the process-based MAIDEN model. - *Canadian Journal of Forest Research*, 34: 888-898
- 04121** - MISSON, L. (2004) - MAIDEN: a model for analyzing ecosystem processes in dendroecology. - *Canadian Journal of Forest Research*, 34: 874-887.
- 04122** - BARD, E., MENOT-COMBES, G., ROSTEK, F. (2004) - Present status of radiocarbon calibration and comparison records based on Polynesian corals and Iberian margin sediments. - *Radiocarbon*, 46/3: 1189-1202.
- 04123** - PATERNE, M., AYLIFFE, L.K., ARNOLD, M., CABIOCH, G., TISNERAT-LABORDE, N., HATTE, C., DOUVILLE, E., BARD, E. (2004) - Paired 14C and 230Th/U datings on surface corals from Marquesas and Vanuatu (Sub-Equatorial Pacific) in 3,000 to 15,000 cal yr range. - *Radiocarbon*, 46: 551-566.
- 04124** - SHAKELTON, N.J., SANCHEZ-GONI, M.F., PAILLER, D., LANCELOT, Y. (2003) - Marine isotope substage 5e and Eemian interglacial. - *Global and Planetary Change*, 36: 151-155.

Autres publications

- 03009** - PAPPU, S., GUNNELL, Y., TAIEB, M., BRUGAL, J.P., AKHILESH, K. (2003) - Dating hominid occupation at the palaeolithic site of Attirampakkam, Tamil Nadu, India: methods, prospects and problems. In: Anupama, K., Hema Achuthan (Eds) - *Late Quaternary environment change: emerging issues*: 30-37. - Pondichery: Institut Français. - (Publication du département d'écologie).
- 03010** - DURAND, N., CURMI, P., GUNNELL, Y., HAMELIN, B., AHMAD, S.M. (2003) - Sr isotopic tracing and U-series dating of calcrete on Precambrian basement rocks: implications for climate change in the semi-arid part of peninsular India. In: Anupama, K., Hema Achuthan (Eds) - *Late Quaternary environment change: emerging issues*: 57-64. - Pondichery: Institut Français. - (Publication du département d'écologie).
- 03011** - BARBONI, D., HARRISON, S.P., PRENTICE, I.C. (2003) - Plant functional traits as a new tool for reconstructing past climate from vegetation data at a global scale. In: Anupama, K., Hema Achuthan (Eds) - *Late Quaternary environment change: emerging issues*: 82-86. - Pondichery: Institut Français. - (Publication du département d'écologie).
- 03012** - TAIEB, M., PAPPU, S., GUNNELL, Y. (2003) - Chronology and environment of the East African hominids: a reference guide for the study of the Paleolithic site of Attirampakkam, Tamil Nadu, India. In: Anupama, K., Hema Achuthan (Eds) - *Late Quaternary environment change: emerging issues*: 27-29. - Pondichery: Institut Français. - (Publication du département d'écologie).
- 03013** - GUIOT, J., PEYRON, O., JOLLY, D. (2003) - Impact of climate changes on vegetation since the Last Glaciation: how to read pollen archives in relation with models. In: Anupama, K., Hema Achuthan (Eds) - *Late Quaternary environment change: emerging issues*: 148-154. - Pondichery: Institut Français. - (Publication du département d'écologie).
- 03014** - TAIEB, M., PRABHU, C.N., SHANKAR, R., ANUPAMA, K., VIDAL, L. (2003) - Global climatic and environmental changes during the last 125 kyr. Comparison of the East African lake sediments data with the records of two marine cores from Eastern Arabian Sea. In: Anupama, K., Hema Achuthan (Eds) - *Late Quaternary environment change: emerging issues*: 203-208. - Pondichery: Institut Français. - (Publication du département d'écologie).
- 03015** - PRABHU, C.N., SHANKAR, R., ANUPAMA, K., TAIEB, M., BONNEFILLE, R., VIDAL, L., PRASAD, S. (2003) - A 200-ka pollen record from two sediment cores from the Eastern Arabian Sea. In: Anupama, K., Hema Achuthan (Eds) - *Late Quaternary environment change: emerging issues*: 226-230. - Pondichery: Institut Français. - (Publication du département d'écologie).
- 03050** - BARD, E. (2003) - Leçon inaugurale. - *Chaire d'évolution du climat et de l'océan, Collège de France, 2002*: 1-51. - (; 170).
- 03063** - MISSON, L., GUIOT, J., NICAULT, A. (2003) - Effects of different thinning intensities on drought response in Norway spruce (*Picea abies* (L.) Karst.). - *Forest Ecology and Management*, 6267: 1-14.

- 03068** - THEVENON, F., WILLIAMSON, D., VINCENS, A., TAIEB, M., MERDACI, O., DECOBERT, M., BUCHET, G. (2003) - A late-Holocene charcoal record from Lake Masoko, SW Tanzania: climatic and anthropologic implications. - *The Holocene*, 13/5: 785-792.
- 03082** - MORHANGE, C., ESPIC, K., BRUZZI, C., BOURCIER, M., OBERLIN, C., DOUMET SERHAL, C. (2003) - Nouvelles données sédimentologiques sur les milieux portuaires antiques de Sidon (campagne CEDRE 2000). In: *Puertos fluviales antiguos: ciudad, desarrollo e infraestructuras. IV jornadas de arqueología subacuática : Actas*: 323-329. -
- 03083** - RIBES, E., BORSCHNECK, D., MORHANGE, C., SANDLER, A. (2003) - Recherche de l'origine des argiles du bassin portuaire antique de Sidon. - *Archaeology & History in Lebanon*, 18: 82-94.
- 03084** - MORHANGE, C., ESPIC, K., DOUMET-SERHAL, C., BOURCIER, M., CARBONEL, P. (2003) - The ancient harbours of Sidon. Attempt at a synthesis (1998-2002). - *Archaeology & History in Lebanon*, 18: 71-81.
- 03085** - MORHANGE, C., HESNARD, A. (2003) - Coastal sedimentation and human impact in the Lacydon since 6000 years, Marseille, Southern France. In: Livadie, C.A., Ortolani, F. (Eds) - *Climatic-environmental variations and impact on man in the circum-mediterranean area during the Holocene*: 219-228. - Bari (IT): Edipuglia. - (Territorio storico ed ambiente ; 3).
- 03100** - BARD, E. (2003) - Evolution du climat et de l'océan. - *Cours et Travaux du Collège de France. Résumés 2002-2003*, : 205-216.
- 03104** - GOUIRAND, I., LONG, N. (2003) - L'ENSO et les variations climatiques en Provence en automne (1969-1996). - *Méditerranée*, 1,2: 91-95.
- 03112** - DAMNATI, B., TAIEB, M. (2003) - La sédimentation subactuelle dans le lac Iffir (Moyen Atlas, Maroc): résultats préliminaires. - *Notes et mémoires du Service Géologique du Maroc*, 452: 301-306.
- 04009** - BARD, E., MENOT-COMBES, G., DELAYGUE, G. (2004) - Des dates fiables pour les 50 000 dernières années. - *Pour la science / Dossier*, 42: 54-59.
- 04010** - BARD, E. (2004) - Le climat peut-il basculer ? - *Recherche*, 373: 30-37.
- 04044** - BONNEFILLE, R., POTTS, R., CHALIE, F., JOLLY, D., PEYRON, O. (2004) - High-resolution vegetation and climate change associated with Pliocene *Australopithecus afarensis*. - *Proceedings of the National Academy of Science*, 101/33: 12125-12129.
- 04045** - ANTONIOLI, F., BARD, E., POTTER, E.K., SILENZI, S., IMPROTA, S. (2004) - 215-ka history of sea-level oscillations from marine and continental layers in Argentarola Cave speleothems (Italy). - *Global and Planetary Change*, 43: 57-78.
- 04063** - KAMGANG KABEYENE BEYALA, V., EKODECK, G.E., VINCENS, A., BOULANGE, B., DUBOIS, M.A. (2004) - Argument pédologique de l'évolution de la mosaïque forêt-savane dans le sud-est du Cameroun. - *Sécheresse*, 15/2: 181-185.
- 04091** - GASSE, F., BATTARBEE, R.W. (2004) - Introduction. In: BATTARBEE, R.W., GASSE, F., STICKLEY, C.E. (Eds) - *Past climate variability through Europe and Africa*: 1-44. - Springer. - (Developments in paleoenvironmental research ; vol. 6).
- 04092** - UMER, M., LEGESSE, D., GASSE, F., BONNEFILLE, R., LAMB, H.F., LENG, M.J., LAMB, A.L. (2004) - Late Quaternary climate changes in the horn of Africa. In: BATTARBEE, R.W., GASSE, F., STICKLEY, C.E. (Eds) - *Past climate variability through Europe and Africa*: 159-180. - Springer. - (Developments in paleoenvironmental research ; vol. 6).
- 04093** - ELENGA, H., MALEY, J., VINCENS, A., FARRERA, I. (2004) - Palaeoenvironments, paleoclimates and landscape development in Atlantic Equatorial Africa: A review of key sites covering the last 25 kyrs. In: BATTARBEE, R.W., GASSE, F., STICKLEY, C.E. (Eds) - *Past climate variability through Europe and Africa*: 181-198. - Springer. - (Developments in paleoenvironmental research ; vol. 6).
- 04094** - HOELZMANN, P., GASSE, F., DUPONT, L., SALZMANN, U., STRAUBWASSER, M., LEUSCHNER, D.C., SIROCKO, F. (2004) - Palaeoenvironmental changes in the arid and subarid belt (Sahara-Sahel-Arabian Peninsula) from 150 kyr to present. In: BATTARBEE, R.W., GASSE, F., STICKLEY, C.E. (Eds) - *Past climate variability through Europe and Africa*: 219-256. - Springer. - (Developments in paleoenvironmental research ; vol. 6).
- 04095** - EDMUNDS, W.M., DODO, A., DJORET, D., GASSE, F., GAYE, C.B., GONI, I. (2004) - Groundwater as an archive of climatic and environmental change: Europe to Africa. In: BATTARBEE, R.W., GASSE, F., STICKLEY, C.E. (Eds) - *Past climate variability through Europe and Africa*: 279-306. - Springer. - (Developments in paleoenvironmental research ; vol. 6).
- 04096** - ROBERTS, N., STEVENSON, T., DAVIS, B., CHEDDADI, R., BREWSTER, S., ROSEN, A. (2004) - Holocene climate, environment and cultural change in the circum-mediterranean region. In: BATTARBEE, R.W., GASSE, F., STICKLEY, C.E. (Eds) - *Past climate variability through Europe and Africa*: 343-362. - Springer. - (Developments in paleoenvironmental research ; vol. 6).

- 04097** - PARTRIDGE, T.C., LOWE, J.J., BARKER, P., HOELZMANN, P., MAGRI, D., SAARNISTRO, M., VANDERBERGHE, J., STREET-PERROT, F.A., GASSE, F. (2004) - Climate variability in Europe and Africa: a Pages-PEP III TIME STREAM II synthesis. In: BATTARBEE, R.W., GASSE, F., STICKLEY, C.E. (Eds) - *Past climate variability through Europe and Africa*: 583-603. - Springer. - (Developments in paleoenvironmental research ; vol. 6).
- 04098** - VIDAL, L., ARZ, H. (2004) - Oceanic climate variability at millennial time scales: models of climate connections. In: BATTARBEE, R.W., GASSE, F., STICKLEY, C.E. (Eds) - *Past climate variability through Europe and Africa*: 31-45. - Springer. - (Developments in paleoenvironmental research ; vol. 6).
- 04099** - BARD, E. (2004) - Evolution du climat et de l'océan. In: *Cours et travaux du Collège de France* : 223-233.
- 04125** - BARD, E., KROMER, B. (2003) - Absolute and radiocarbon chronologies of the Younger Dryas cold period. In: Wideman, F., Taborin, Y. (Eds) - *Geophysical and archaeological chronologies for the Upper Paleolithic, Bari Edipulgia*: 375-379.
- 04126** - ROSENTHAL, Y., PERRON-CASHMAN, S., LEAR, C.H., BARD, E., BARKER, S., BILLUPS, K., BRYAN, M., DELANEY, M.L., DEMENOCAL, P.B., DWYER, G.S.E., H., GERMAN, C.R., GREAVES, M., LEA, D.W., MARCHITO Jr, T.M., PAK, D.K., RAVELO, A.C., PARADIS, G.L., RUSSELL, A.D., SCHNEINDER, R.R., SCHEINDRICH, K., STOTT, L., TACHIKAWA, K., TAPPA, E., THUNEL, R., WARA, M., WELDEAB, S., WILSON, P. (2004) - Interlaboratory comparison study of Mg/Ca and Sr/Ca measurements in planktonic foraminifera for paleoceanographic research. - *Geochemistry, Geophysics and Geosystems*, 5/4: 1-29.
- 04127** - TACHIKAWA, K., ELDERFIELD, H. (2004) - Chemistry of benthic foraminiferal shells for recording ocean environments : Cd/Ca, $\delta^{13}C$ and Mg/Ca. In: M. Shiomi, H. Kawahata, M. Koizumi and A. Tsuda (Eds) - *Global environmental change in the ocean and on the land*: 1-15. - Kluwer.

MORPHOGENESE, ALEAS, RISQUE

Articles

- 01095** - JORDANOVA, N., PETROVSKI, E., KOVACHEVA, M., JORDANOVA, D. (2001) - Factors determining magnetic enhancement of burnt clay from archaeological sites. - *Journal of Archaeological Science*, 28: 1137-1148.
- 03017** - CHARDON, D. (2003) - Strain partitioning and batholith emplacement at the root of a transpressive magmatic arc. - *Journal of Structural Geology*, 25: 91-107.
- 03018** - BROCARD, G.Y., VAN DER BEEK, P.A., BOURLES, D.L., SIAME, L.L., MUGNIER, J.L. (2003) - Long-term fluvial incision rates and postglacial river relaxation time in the French Western Alps from ^{10}Be dating of alluvial terraces with assessment of inheritance, soil development and wind ablation effects. - *Earth and Planetary Science Letters*, 209: 197-214.
- 03023** - BENEDETTI, L., FINKEL, R., KING, G., ARMIJO, R., PAPANASTASSIOU, D., RYERSON, F.J., FLERIT, F., FARBER, D., STRAVRAKAKIS, G. (2003) - Motion on the Kaparelli fault (Greece) prior to the 1981 earthquake sequence determined from ^{36}Cl cosmogenic dating. - *Terra Nova*, 15/2: 118-124.
- 03033** - REVIL, A., SARACCO, G., LABAZUY, P. (2003) - The volcano-electric effect. - *Journal of Geophysical Research*, 108/B5: ECV 5:1-19.
- 03037** - ROCHETTE, P., SAGNOTTI, L., BOUROT-DENISE, M., CONSOLMAGNO, G., FOLCO, L., GATTACCECA, J., OSETE, M.L., PESONEN, L. (2003) - Magnetic classification of stony meteorites: 1. Ordinary chondrites. - *Meteoritics and Planetary Science*, 38/2: 251-268.
- 03043** - BEAUDOUIN, T., BELLIER, O., SEBRIER, M. (2003) - Champs de contrainte et de déformation déduits de l'analyse des mécanismes au foyer des séismes de la région de Sulawesi (Indonésie) : implications géodynamiques. - *Bulletin de la Société Géologique de France*, 174/3: 305-317.
- 03045** - MORHANGE, C., BLANC, F., SCHMITT-MERCURY, S., BOURCIER, M., CARBONEL, P., OBERLIN, C., PRONE, A., VIVENT, D., HESNARD, A. (2003) - Stratigraphy of late-Holocene deposits of the ancient harbour of Marseilles, southern France. - *Holocene*, 13/4: 593-604.
- 03046** - REVIL, A., NAUDET, J., NOUZARET, J., PESSEL, M. (2003) - Principles of electrography applied to self-potential electrokinetic sources and hydrogeological applications. - *Water Resources Research*, 39/5: 1114 (SBH 3 1-12).
- 03047** - REGARD, V., FACCENA, C., MARTINOD, J., BELLIER, O., THOMAS, J.C. (2003) - From subduction to collision: Control of deep processes on the evolution of convergent plate boundary. - *Journal of Geophysical Research*, 108/B4: 2208 ETG 13- 1-16.

- 03058** - ROCHETTE, P., FILLION, G., BALLOU, R., BRUNET, F., OULADDIAF, B., HOOD, L. (2003) - High pressure magnetic transition in pyrrhotite and impact demagnetization on Mars. - *Geophysical Research Letters*, 30/13: 1683.
- 03052** - FERRANDINI, J., GATTACCECA, J., FERRANDINI, M., DEINO, A., JANIN, M.C. (2003) - Chronostratigraphie et paléomagnétisme des dépôts oligo-miocènes de Corse : implications géodynamiques pour l'ouverture du bassin liguro-provançal. - *Bulletin de la Société Géologique de France*, 174/4: 357-371.
- 03061** - RABAUTE, A., REVIL, A., BROSSE, E. (2003) - In situ mineralogy and permeability logs from downhole measurements: Application to a case study in chlorite-coated sandstones. - *Journal of Geophysical Research*, 108/B9: 2414 / ECV 1 1-16.
- 03074** - CHARDON, D., BELLIER, O. (2003) - Geological boundary conditions of the 1909 Lambesc (Provence, France) earthquake : structure and evolution of the Trévaresse ridge anticline. - *Bulletin de la Société Géologique de France*, 174/5: 497-510.
- 03086** - BAKER, P., WILLIAMSON, D., GASSE, F., GIBERT, E. (2003) - Climatic and volcanic forcing revealed in a 50,000-year diatom record from Lake Maéssoko, Tanzania. - *Quaternary Research*, 60/3: 343-358.
- 03090** - GATTACCECA, J., ROCHETTE, P., BOUROT-DENISE, M. (2003) - Magnetic properties of a freshly fallen LL ordinary chondrite: The Bensour meteorite. - *Physics of the Earth and Planetary interiors*, 140: 343-358.
- 03102** - HOOD, L.L., RICHMOND, N.C., PIERAZZO, E., ROCHETTE, P. (2003) - Distribution of crustal magnetic fields on Mars: Shock effects of basin-forming impacts. - *Geophysical Research Letters*, 30/6: 1281.
- 03115** - ANANOU, B., REGNIER, S., KSARI, Y., MARFAING, J., STEPANOV, A., TOUCHARD, Y., ROCHETTE, P. (2003) - Detection of diluted marine tertiary tephra by ESR and magnetic susceptibility measurements. - *Geophysical Journal International*, 155: 341-349.
- 03116** - SAGNOTTI, L., ROCHETTE, P., JACKSON, M., VADEBOIN, F., DINARES-TURREL, J., WINKLER, A., team, M.S. (2003) - Inter-laboratory calibration of low field and anhysteretic susceptibility measurements. - *Physics of the Earth and Planetary interiors*, 138: 25-38.
- 04001** - ANTONELLI, C., PROVANSAL, M., VELLA, C. (2004) - Recent morphological channel in a deltaic environment. The case of the Rhône River, France. - *Geomorphology*, 57: 385-402.
- 04005** - GATTACCECA, J., ORSINI, J.B., BELLOT, J.P., HENRY, B., ROCHETTE, P., ROSSI, P., CHERCHI, G. (2004) - Magnetic fabric of granitoids from Southern Corsica and Northern Sardinia and implications for Late Hercynian tectonic setting. - *Journal of the Geological Society, London*, 161: 277-289.
- 04011** - LEROY, P., REVIL, A. (2004) - A triple-layer model of the surface electrochemical properties of clay minerals. - *Journal of Colloid and Interface Science*, 270: 371-381.
- 04022** - DESENFANT, F., PETROVSKY, E., ROCHETTE, P. (2004) - Magnetic signature of industrial pollution of stream sediments and correlation with heavy metals: case study from south France. - *Water, Air, and Soil Pollution*, 152: 297-312.
- 04025** - REVIL, A., FINIZOLA, A., SORTINO, F., RIPEPE, M. (2004) - Geophysical investigations at Stromboli volcano, Italy: implications for ground water flow and paroxysmal activity. - *Geophysical Journal International*, 157: 426-440.
- 04026** - REVIL, A., LEROY, P. (2004) - Constitutive equations for ionic transport in porous shales. - *Journal of Geophysical Research*, 109/B03208: 1-19.
- 04027** - SPERANZA, F., SAGNOTTI, L., ROCHETTE, P. (2004) - An anthropogenic origin of the "Sirente crater", Abruzzi, Italy. - *Meteoritics and Planetary Science*, 39/4: 635-649.
- 04030** - NAUDET, V., REVIL, A., RIZZO, E., BOTTERO, J.Y., BEGASSAT, P. (2004) - Groundwater redox conditions and conductivity in a contaminant plume from geoelectrical investigations. - *Hydrology and Earth System Sciences*, 8/1: 8-22.
- 04035** - CARCAILLET, J., BOURLES, D., THOUVENY, N., ARNOLD, M. (2004) - A high resolution authigenic $^{10}\text{Be}/^{9}\text{Be}$ record of geomagnetic moment variations over the last 300 ka from sedimentary cores of the Portuguese margin. - *Earth and Planetary Science Letters*, 219: 397-412.
- 04036** - THOUVENY, N., CARCAILLET, J., MORENO, E., LEDUC, G., NERINI, D. (2004) - Geomagnetic moment variation and paleomagnetic excursions since 400 kyr BP: a stacked record from sedimentary sequences of the Portuguese margin. - *Earth and Planetary Science Letters*, 219: 377-396.
- 04041** - JAILLET, S., PONS-BRANCHU, E., BRULHET, J., HAMELIN, B. (2004) - Karstification as geomorphological evidence of river incision: the karst of Cousance and the Marne valley (eastern Paris basin). - *Terra Nova*, 16: 167-172.
- 04043** - REGARD, V., BELLIER, O., THOMAS, J.C., ABBASSI, M.R., MERCIER, J., SHABANIAN, E., FEGHHI, K., SOLEYMANI, S. (2004) - Accommodation of Arabia-Eurasia convergence in the Zagros-Makran transfer zone, SE Iran: A transition between collision and subduction through a young deforming system. - *Tectonics*, 23/TC4007: 1-24.

- 04048** - SARACCO, G., LABAZUY, P., MOREAU, F. (2004) - Localization of self-potential sources in volcano-electric effect with complex continuous wavelet transform and electrical tomography methods for active volcano. - *Geophysical Research Letters*, 31/L12610: 1-5.
- 04049** - PALUMBO, L., BENEDETTI, L., BOURLES, D., CINQUE, A., FINKEL, R. (2004) - Slip history of the Magnola fault (Apennines, Central Italy) from ³⁶Cl surface exposure dating: evidence for strong earthquakes over the Holocene. - *Earth and Planetary Science Letters*, 225: 163-176.
- 04055** - QUICK, J.E., SINIGOI, S., SNOKE, A.W., KALAKAY, T.J., MAYER, A., PERESSINI, G. (2003) - *Geologic map of the Southern Ivrea-Verbano Zone, Northwestern Italy*. - USGS. - Carte Géologique.
- 04066** - REVIL, A., NAUDET, V., MEUNIER, J.D. (2004) - The hydroelectric problem of porous rocks: inversion of the position of the water table from self-potential data. - *Geophysical Journal International*, 159: 435-444.
- 04071** - SIAME, L., BELLIER, O., BRAUCHER, R., SEBRIER, M., CUSHING, M., BOURLES, D., HAMELIN, B., BAROUX, E., DE VOOGD, B., RAISBECK, G., YIOU, F. (2004) - Local erosion rates versus active tectonics: cosmic ray exposure modelling in Provence (South-East France). - *Earth and Planetary Science Letters*, 220: 345-364.
- 04073** - BENEDETTI, L.C., TAPPONNIER, P., GAUDEMER, Y., MANIGHETTI, I., VAN DER WOERD, J. (2003) - Geomorphic evidence for an emergent active thrust along the edge of the PO Plain: The Broni-Stradella fault. - *Journal of Geophysical Research*, 108/B5,2238: ETG 6 1-14.
- 04074** - GATTACCECA, J., ROCHETTE, P. (2004) - Toward a robust normalized magnetic paleointensity method applied to meteorites. - *Earth and Planetary Science Letters*, 227: 377-393.
- 04076** - CHEVRIER, V., ROCHETTE, P., MATHE, P.E., GRAUBY, O. (2004) - Weathering of iron-rich phases in simulated Martian atmospheres. - *Geology*, 32/12: 1033-1036.
- 04079** - CAIRANNE, G., AUBOURG, C., POZZI, J.P., MOREAU, M.G., DECAMPS, T., MAROLLEAU, G. (2004) - Laboratory chemical remanent magnetization in a natural claystone: a record of two magnetic polarities. - *Geophysical Journal International*, 159: 909-916.
- 04082** - DAERON, M., BENEDETTI, L., TAPPONNIER, P., SURSOCK, A., FINKEL, R.C. (2004) - Constraints on the post ~25-ka sliprate of the Yammouneh fault (Lebanon) using in situ cosmogenic ³⁶Cl dating of offset limestone-clast fans. - *Earth and Planetary Science Letters*, 227: 105-119.
- 04085** - ROCHETTE, P., GATTACCECA, J., MENVIELLE, M., EISENLOHR, P., CHEVRIER, V. (2004) - Interest and design of magnetic properties measurements on planetary and asteroidal landers. - *Planetary and Space Science*, 52: 987-995.
- 04102** - AUDRA, P., MOCOCHAIN, L., CAMUS, H., GILLI, E., CLAUZON, G., BIGOT, J.Y. (2004) - The effect of the Messinian Deep Stage on karst development around the Mediterranean Sea. Examples from Southern France. - *Geodinamica Acta*, 17/6: 389-400.
- 04103** - RIBODETTI, A., GAFFET, S., OPERTO, S., VIRIEUX, J., SARACCO, G. (2004) - Asymptotic waveform inversion for unbiased velocity and attenuation measurements: numerical tests and application for Vesuvius lava sample analysis. - *Geophysical Journal International*, : 1-19.
- 04113** - GATTACCECA, J., EISENLOHR, P., ROCHETTE, P. (2004) - Calibration of in situ magnetic susceptibility measurements. - *Geophysical Journal International*, 158: 42-49.
- 04114** - LARIDHI OUAZAA, N., PERCHIAZZI, N., D'ORAZIO, M., ROCHETTE, P., CLOCHIATTI, R., FOLCO, L. (2004) - Beni M'hira: a new chondritic (L6) meteorite fall from Tunisia. - *Meteoritics and Planetary Science*, 39: A171-A176.

Autres publications

- 01096** - REVIL, A., CATHLES, L.M. (2001) - The porosity-depth pattern defined by 40 wells in Eugene Island South Addition, Block 330 area, and its relation to pore pressure, fluid leakage, and seal migration. In: *GCSSEPM Foundation 21 st annual research conference petroleum systems of deep-water basins, December 2-5, 2001*: 687-711.
- 02097** - ANTONELLI, C., PROVANSAL, M. (2002) - Characterisation and assessment of sand fluxes in the lower Rhone river, France. In: *River flow 2002, Louvain*: n.p. - Balkema.
- 02098** - PROVANSAL, M., BRUNETON, H., VELLA, C., ARNAUD-FASSTTA, G., BALLAIS, J.L., LEVEAU, P. (2002) - Paléohydrologie holocène dans la basse vallée du Rhône, d'Orange à la mer. In: Bravard, J.P., Magny, M. (Eds) - *Histoire des rivières et des lacs de Lascaux à nos jours*: 251-258. - Paris: Errance. - (Archéologie aujourd'hui : Les fleuves ont une histoire. Paléoenvironnement des rivières et des lacs français depuis 15 000 ans).
- 03029*** - SIMON, B., DUSSOUILLEZ, P. (2003) - *Initiation aux Systèmes d'Information Géographique. Support de cours sur l'initiation aux Systèmes d'Information Géographique SIG à partir du logiciel Mapinfo 6.5. Stage du 3 au 5 mars 2003, Aix en Provence*. - Aix en Provence: STSI/Cerege ; CNRS-Formation. - 85 p.

- 03031** - ARNAUD-FASSETTA, G., QUISSERNE, D., ANTONELLI, C. (2003) - Downstream grain-size distribution of superficial bed material and its hydro-geomorphological significance in a large and regulated river: The Rhône River in its delta area (France). - *Géomorphologie*, 1: 33-50.
- 03035** - ROCHETTE, P., VADEBOIN, F. (2003) - Revisiting the Curie balance concept: toward simple high-field magnetic measurements. - *Studia geophysica et geodaetica*, 47: 393-401.
- 03048** - DEVILLERS, B., PROVANSAL, M. (2003) - La morphogénèse d'un écosystème cultivé depuis le Néolithique récent : les petits bassins versants de la moyenne vallée de l'Hérault (France). - *Géomorphologie*, 2: 83-98.
- 03051** - THOUVENY, N., VLAG, P. (2003) - Evidence that the Laschamp excursion did occur between 30 and 40 ka. In: Widemann, F. et Y. Taborin. (Eds) - *Chronologies géophysiques et archéologiques du Paléolithique Supérieur. Comptes-rendus du Colloque international de Ravello, 3-8 mai 1994*: 411-416. - Bari: Edipuglia. - (Archeologia, storia, cultura ; 3).
- 03053** - PROVANSAL, M. (2003) - Le delta du Rhône : un héritage menacé. - *Lettre pigb-pmrc France*, 15: 60-63.
- 03067** - NGAKO, V., AFFATON, P., NNANGE, J.M., NJANKO, T. (2003) - Pan-African tectonic evolution in central and southern Cameroun: transpression and transtension during sinistral shear movements. - *Journal of African Earth Sciences*, 36: 207-214.
- 03069** - STEFANIUK, L., BRUN, J.P., MUNZI, P., MORHANGE, C. (2003) - L'evoluzione dell'ambiente nei Campi Flegrei e le sue implicazioni storiche: il caso di Cuma e le ricerche del centre Jean Bérard nella laguna di Licola. In: *Ambiente e paesaggio nella Magna Grecia. Atti del quarantaduesimo convegno di studi sulla Magna Grecia, Taranto, 5-8 ottobre 2002*: 397-435. - Napoli: Istituto per la storia e l'archeologia della magna Grecia - Taranto.
- 03077** - ARNAUD-FASSETTA, G., PROVANSAL, M. (2003) - Deltas 2003. - *Géomorphologie*, 4: 207-210.
- 03078** - PROVANSAL, M., VELLA, C., ARNAUD-FASSETTA, G., SABATIER, F., MAILLET, G. (2003) - Role of fluvial sediment inputs in the mobility of the Rhône delta coast (France). Participation des apports sédimentaires fluviaux à la mobilité du littoral du delta du Rhône (France). - *Géomorphologie*, 4: 271-282.
- 03079** - ANTONELLI, C., PROVANSAL, M. (2003) - Impact des crues méditerranéennes dans le bilan sédimentaire du Rhône aval. In: *Hydrology of the Mediterranean and semiarid regions. Proceedings of an international symposium, Montpellier, April 2003*: 243-248. - (IAHS Publications , 278).
- 03082** - MORHANGE, C., ESPIC, K., BRUZZI, C., BOURCIER, M., OBERLIN, C., DOUMET SERHAL, C. (2003) - Nouvelles données sédimentologiques sur les milieux portuaires antiques de Sidon (campagne CEDRE 2000). In: *Puertos fluviales antiguos: ciudad, desarrollo e infraestructuras. IV jornadas de arqueología subacuática : Actas*: 323-329.
- 03083** - RIBES, E., BORSCHNECK, D., MORHANGE, C., SANDLER, A. (2003) - Recherche de l'origine des argiles du bassin portuaire antique de Sidon. - *Archaeology & History in Lebanon*, 18: 82-94.
- 03084** - MORHANGE, C., ESPIC, K., DOUMET-SERHAL, C., BOURCIER, M., CARBONEL, P. (2003) - The ancient harbours of Sidon. Attempt at a synthesis (1998-2002). - *Archaeology & History in Lebanon*, 18: 71-81.
- 03085** - MORHANGE, C., HESNARD, A. (2003) - Coastal sedimentation and human impact in the Lacydon since 6000 years, Marseille, Southern France. In: Livadie, C.A., Ortolani, F. (Eds - *Climatic-environmental variations and impact on man in the circum-mediterranean area during the Holocene*: 219-228. - Bari (IT): Edipuglia. - (Territorio storico ed ambiente ; 3).
- 03087** - GEORGES, K., PRONE, A., PROVANSAL, M. (2003) - Quartz grain surface features of the Rhône mouth bar bed-material, by SEM analysis. In: *COMDELTA meeting, 26-28 October 2003, Aix-en-Provence, France*: 2.
- 03088** - GEORGES, K., ANTONELLI, C. (2003) - Characterization of the Rhône river bed-material by SEM analysis and evaluation of flood impact on bedload. In: *3rd IAHR symposium on River Coastal and Estuarine Morphodynamics, September 1-5, 2003, Barcelona (Spain)*: n.p.
- 03089** - MORHANGE, C., GOIRAN, J.P., LABOREL, J., OBERLIN, C. (2003) - Studio geoarcheologico dell'antico litorale di pozzuoli (Campania): il problema delle variazioni relative del livello del mare. In: *Ambiente e paesaggio nella Magna Grecia. Atti del quarantaduesimo convegno di studi sulla Magna Grecia, Taranto, 5-8 ottobre 2002*: 365-395. - Napoli (IT): Istituto per la storia e l'archeologia della magna Grecia , Taranto.
- 03097** - LONG, L., VELLA, C. (2003) - Du nouveau sur le paysage de Giens au Néolithique et sur le port d'Olbia. Recherches sous-marines récentes devant L'Almanarre (Hyères, Var). - *Bulletin d'Archéologie de Provence*, Supplément 1: 165-173.
- 03098** - GANTES, L., VELLA, C. (2003) - Nouvelles recherches sur les îles de la rade de Marseille. - *Bulletin d'Archéologie de Provence*, Supplément 1: 75-87.
- 03099** - ROCHETTE, P., HOOD, L., FILLION, G., BALLOU, R., OULADI AF, B. (2003) - Impact demagnetization by phase transition on Mars. - *Eos*, 84/50: 561,567.
- 03099/04115** - ROCHETTE, P., HOOD, L., FILLION, G., BALLOU, R., OULADI AF, B. (2004) - Reply on "Impact demagnetization by phase transition on Mars". - *Eos*, 85: 219.

- 03105** - ARNAUD-FASSETTA, G., CARRE, M.B., MAROCCO, R., MASELLI SCOTTI, F., PUGLIESE, N., ZACCARIA, C., BANDELLI, A., BRESSON, V., MANZONI, G., MONTENEGRO, M.E., MORHANGE, C., PIPAN, M., PRIZZON, A., SICHE, I. (2003) - The site of Aquileia (Northeastern Italy): example of fluvial geoarchaeology in a Mediterranean deltaic plain. Le site d'Aquilée (Italie nord-orientale) : exemple de géoarchéologie fluviale dans une plaine deltaïque méditerranéenne. - *Géomorphologie*, 4: 227-246.
- 03106** - SABATIER, F., SUANEZ, S. (2003) - Evolution of the Rhône delta coast since the end of the 19th century. Cinématique du littoral du delta du Rhône depuis la fin du XIXe siècle. - *Géomorphologie*, 4: 283-300.
- 03107** - MORHANGE, C. (2003) - Archaeological and biological records of relative sea-level changes in the Mediterranean during the Late Holocene. Two cases studies of gradual evolution to instantaneous events, Marseilles (France) and Pozzuoli (Italy). In: *Human records of recent geological evolution in the Mediterranean, Santorini, 22-25 October 2003*: 77-83. - (CIESM Workshop Monographs ; 24).
- 03108** - DEVILLERS, B. (2003) - Holocene morphogenesis and land use in eastern mesoarea (Cyprus), preliminary results. - *Dynamiques environnementales et histoire en milieux méditerranéens*, : 1-14.
- 03109** - LABOREL, J., MORHANGE, C., LABOREL-DEGUEN, F. (2003) - Les indicateurs biologiques des variations relatives du niveau marin dans les îles du littoral provençal et de Méditerranée. - *Bulletin Archéologique de Provence*, Supplément 1: 67-73.
- 03110** - MAYER, A., CORTIANA, G., DAL PIAZ, G.V., DELOULE, E., DE PIERI, R., JOBSTRAIBIZER, P. (2003) - U-Pb single zircon ages of the Adamello batholith, Southern Alps. - *Memorie di Scienze Geologiche*, 55: 151-167.
- 03111** - SOURISSEAU, J.C., GOIRAN, J.P., MORHANGE, C. (2003) - Analyse archéologique et approches paléoenvironnementales. L'exemple du port de Kition-Bamboula (Larnaca, Chypre). - *Cahier du Centre d'Etudes Chypriotes*, 33: 253-272.
- 04007** - TOUCHARD, Y., ROCHETTE, P. (2004) - Determining tephra fall deposit thickness in sedimentary record from magnetic susceptibility curve: example of four Ethiopian tephras. - *Geochemistry, Geophysics and Geosystems*, 5/1: 1-12.
- 04024** - SABATIER, F., SAMAT, O., CHAIBI, M., LAMBERT, A., PONS, F. (2004) - Transport sédimentaire de la dune à la zone du déferlement sur une plage sableuse soumise à des vents de terre. In: *VIIIèmes journées nationales génie côtier-génie civil, Compiègne 2004*: 1-9.
- 04029** - MARRINER, N., BEAULIEU DE, J.L., MORHANGE, C. (2004) - Note on the vegetation landscapes of Sidon and Tyre during antiquity. - *Archaeology and History in Lebanon*, 19: 86-91.
- 04033** - ANTONELLI, C., PROVANSAL, M., FLEURY, J., PICHARD, G. (2004) - Analyse de l'évolution séculaire du li du Rhône à Arles à partir de l'analyse d'image. Implications géomorphologiques et paléohydrologiques. - *Méditerranée*, 1.2: 135-142.
- 04034** - BRUNETON, H. (2004) - Paramètres endogènes et exogènes dans la constitution des remblaiements holocènes des piémonts : le cas des Alpilles. - *Méditerranée*, 1.2: 37-46.
- 04038*** - MARRINER, N., MORHANGE, C., VIRET, J. (2004) - Tyr Nord. In: Denise, F. Nordiguian, L.. (Eds) - *Une aventure archéologique : Antoine Poidebard, photographe et aviateur*: 310-311. - Marseille : Arles : Beyrouth: Parenthèses : Musée de l'Arles et de la Provence Antique : Université Saint-Joseph.
- 04039*** - MORHANGE, C., DOUMET, C., VIRET, J. (2004) - Sidon, port intérieur. In: Denise, F. Nordiguian, L. (Eds) - *Une aventure archéologique : Antoine Poidebard, photographe et aviateur*: 313-314. - Marseille : Arles : Beyrouth: Parenthèses : Musée de l'Arles et de la Provence Antique : Université Saint-Joseph.
- 04053** - OVER, S., KAVAK, S., BELLIER, O., OZDEN, S. (2004) - Is the Amik Basin (SE Turkey) a triple-junction area? Analyses of SPOT XS imagery and seismicity. - *International Journal of Remote Sensing*, 25/19: 3857-3872.
- 04060** - VELLA, C. (2004) - Le rôle de la mer: position du niveau marin et du trait de côte depuis 6000 ans. - *Bulletin Archéologique de Provence. Supplément*, 2: 79-90.
- 04061** - PETROVSKY, E., HULKA, Z., KAPICKA, A. (2004) - A new tool for *in situ* measurements of the vertical distribution of magnetic susceptibility in soils as basis for mapping deposited dust. - *Environmental Technology*, 25: 1021-1029.
- 04069** - REGARD, V., BELLIER, O., ABBASSI, M.R., THOMAS, J.C., MERCIER, J., SHABANIAN, E., FEGHHI, K., SOLEYMANI, S., BONNET, S., BOURLES, D., BRAUCHER, R., MARTINOD, J. (2003) - Seismic hazard assessment of the Zagros collision vs. Makran subduction transfer deformation zone (SE Iran). In: *Fourth International Conference of Earthquake Engineering and Seismology - SEE4, 12-14 May 2003, Teheran, Islamic Republic of Iran*: 7 p.

- 04070** - BAYER, R., SHABANIAN, E., REGARD, V., VERNANT, P., NILFOROUSHAN, F., ABBASSI, M.R., CHERY, J., TATAR, M., DOERFLINGER, E., PEYRET, M., DAIGNIERES, M., BELLIER, O., HATZFELD, D., MOKHTARI, M. (2003) - Active deformation in Zagros-Markan transition zone inferred from GPS measurements. In: *Fourth International Conference of Earthquake Engineering and Seismology - SEE4, 12-14 May 2003, Teheran, Islamic Republic of Iran*: 4 p.
- 04080** - REGARD, V., FACCENNA, C., MARTINOD, J., BELLIER, O. (2004) - Analogue experiments of indentation tectonics and break-off: insight to Arabia indentation. In: G. Bertotti, S.B., P. Ruffo and G. Schreurs (Eds) - *From mountains to sedimentary basins: modelling and testing geological processes. Extended abstracts of the GeoMod2004 International conference, Emetten -Lake Lucerne, Switzerland, 9-11 June 2004*: 129-133. - Istituto Nazionale di Oceanografia e di Geofisica Sperimentale. - (Bollettino di Geofisica teorica ed applicata ; 45/1 supplement).
- 04086** - PROVANSAL, M., ARNAUD-FASSETTA, G., VELLA, C. (2004) - Géomorphologie du Delta du Rhône. - *Bulletin Archéologique de Provence, Supplément 2*: 59-63.
- 04100** - HARMAN, D., LEJEUNE, O., JAILLET, S., ALLOUC, J., OCCHIETTI, S., BRULHET, J., FAUVEL, P.J., HAMELIN, B., LAURAIN, M., LE ROUX, J., MARRE, A., PONS-BRANCHU, E., QUINIF, Y., DEVOS, A. (2004) - Dynamique de l'érosion dans le Barrois et le Perthois (Est du Bassin de Paris): Incision et karstification dans les bassins-versants de la Marne, de la Saulx et de l'Ornain. - *Quaternaire*, 15/4: 305-318.
- 04105*** - SIMON, B. (2004) - *Cartographie à moyenne échelle des structures linéamentaires de la région Provence, Alpes, Côte d'Azur*. - STSI CEREGE, 2004. - 7 cartes + 15 p.
- 04112** - CHASSEFIERE, E., BERTEAUX, J.L., BERTHELIER, M., CABANE, V., CIARLETTI, V., DURRY, G., FORGET, F., HAMELIN, M., LEBLANC, F., MENVIELLE, M., et al., dont ROCHETTE, P. (2004) - MEP (Mars Environment Package): toward a package for studying environmental conditions at the surface of Mars from future lander/rover missions. - *Advances in Space Research*, 34: 1702-1709.
- 04119** - CARCAILLET, J., BOURLES, D., THOUVENY, N. (2004) - Geomagnetic dipole moment and ^{10}Be production rate intercalibration from authigenic $^{10}\text{Be}/^9\text{Be}$ for the last 1.3 Ma. - *Geochemistry, Geophysics and Geosystems*, 5/5: 1-13.

TRANSFERT ET TRANSFORMATIONS DANS LES ECOSYSTEMES ET CONTAMINANTS

Articles

- 03007** - LECOANET, H., LEVEQUE, F., AMBROSI, J.P. (2003) - Combination of magnetic parameters: an efficient way to discriminate soil-contamination sources (south France). - *Environmental Pollution*, 122: 229-234.
- 03038** - RADAKOVITCH, O., SANCHEZ-CABEZA, J.A., ABBASSI, A., MASQUE, P., HEUSSNER, S. (2003) - Meso and small-scale variations of ^{210}Pb fluxes on the Northwestern Mediterranean continental margins. - *Continental Shelf Research*, 23: 693-715
- 03071** - NAUDET, V., REVIL, A., BOTTERO, J.Y. (2003) - Relationship between self-potential (SP) signals and redox conditions in contaminated groundwater. - *Geophysical Research Letters*, 30/21: 2091 (HLS 2 /1-4).
- 03072** - RADAKOVITCH, O., FRIGNANI, M., GIULIANI, S., MONTANARI, R. (2003) - Temporal variations of dissolved and particulate ^{234}Th at a coastal station of the northern Adriatic Sea. - *Estuarine Coastal and Shelf Science*, 58: 813-824
- 03091** - BEAUVAIS, A., RITZ, M., PARISOT, J.C., BANTSIMBA, C. (2003) - Testing etching hypothesis for the shaping of granite dome structures beneath lateritic weathering landsurfaces using ERT method. - *Earth Surface Processes and Landforms*, 28: 1071-1080.
- 03101** - MEUNIER, J.D. (2003) - Le rôle des plantes dans le transfert du silicium à la surface des continents. - *Comptes Rendus Geoscience - Académie des Sciences Paris*, 335: 1199-1206.
- 03103** - CARCAILLET, J.T., THOUVENY, N., BOURLES, D. (2003) - Geomagnetic moment instability between 0.6 and 1.3 Ma from cosmonuclide evidence. - *Geophysical Research Letters*, 30/15: SDE 5/1-4.
- 03123** - BRAUCHER, R., LIMA, C.V., BOURLES, D.L., GASPARD, J.C., ASSAD, M.L.L. (2003) - In situ produced ^{10}Be measurements at great depths: implications for production rates by fast muons. - *Earth and Planetary Science Letters*, 211: 251-258.
- 04006** - MIRALLES, J., RADAKOVITCH, O., COCHRAN, J.K., VERON, A., MASQUE, P. (2004) - Multitracer study of anthropogenic contamination records in the Camargue, Southern France. - *Science of the Total Environment*, 320: 63-72.

- 04028** - NEAMAN, A., WALLER, B., MOUELE, F., TROLARD, F., BOURRIE, G. (2004) - Improved methods for selective dissolution of manganese oxides from soils and rocks. - *European Journal of Soil Science*, 55: 47-54.
- 04031** - PORTER, S.M., KNOLL, A.H., AFFATON, P. (2004) - Chemostratigraphy of Neoproterozoic cap carbonates from the Volta Basin, West Africa. - *Precambrian Research*, 130: 99-112
- 04046** - REVIL, A., CEREPÉ, A. (2004) - Streaming potentials in two-phase flow conditions. - *Geophysical Research Letters*, 31/L11605: 1-4.
- 04050** - TACHIKAWA, K., ROY-BARMAN, M., MICHARD, A., THOURON, D., YEGHICHEYAN, D., JEANDEL, C. (2004) - Neodymium isotopes in the Mediterranean Sea: Comprison between seawater and sediment signals. - *Geochimica et Cosmochimica Acta*, 68/14: 3095-3106.
- 04058** - GAUDIN, A., GRAUBY, O., NOACK, Y., DECARREAU, A., PETIT, S. (2004) - Accurate crystal chemistry of ferric smectites from the lateritic nickel ore of Murrin Murrin (Western Australia). I. XRD and multi-scale chemical approaches. - *Clay Minerals*, 39: 301-315.
- 04062** - REVIL, A. (2004) - Streaming potentials signals associated with pumping tests experiments. - *Journal of Geophysical Research*, 109/B10203: 1-14.
- 04062** - RIZZO, E., SUSKI, B., REVIL, A., STRAFACE, S., TROISI, S. (2004) - Self-potentials signals associated with pumping tests experiments. - *Journal of Geophysical Research*, 109/B10203: 1-14.
- 04065** - PERRIER, N., COLIN, F., JAFFRE, T., AMBROSI, J.P., ROSE, J., BOTTERO, J.Y. (2004) - Nickel speciation in *Sebertia acuminata*, a plant growing on a lateritic soil of New Caledonia. - *Comptes Rendus Geoscience*, 336: 567-577.
- 04066** - REVIL, A., NAUDET, V., MEUNIER, J.D. (2004) - The hydroelectric problem of porous rocks: inversion of the position of the water table from self-potential data. - *Geophysical Journal International*, 159: 435-444.
- 04072** - ALEXANDRE, A., MEUNIER, J.D., LLORENS, E., HILL, S.M., SAVIN, S.M. (2004) - Methodological improvements for investigating silcrete formation: petrography, FT-IR and oxygen isotope ratio of silcrete quartz cement, Lake Eyre Basin (Australia). - *Chemical Geology*, 211: 261-274.
- 04078** - DEKAYIR, A., AMOURIC, M., OLIVES, J., PARRON, C., NADIRI, A., CHERGUI, A., EL HAJRAOUI, M.A. (2004) - Structure et caractérisation des matériaux utilisés dans la construction d'une mosaïque romaine de la cité de Volubilis (Maroc). - *Comptes Rendus Geoscience*, 336: 1061-1070.
- 04106** - BRAUCHER, R., LIMA, C.V., BOURLES, D.L., GASPARD, J.C., ASSAD, M.L.L. (2004) - Stone-line formation processes documented by in-situ produced ¹⁰Be distribution, Jardim River basin, DF, Brazil. - *Earth and Planetary Science Letters*, 222: 645-651.
- 04128** - REVIL, A. (2004) - Rapport bibliographique sur la polarisation provoquée et le potentiel spontané dans le domaine de l'environnement. - *Geophysical Journal International*, 159 : 435-444.

Autres publications

- 02093** - TORN, M.S., MASIELLO, C.A., BASILE-DOELSCH, I., BIJOOR, N., SUTTON, R. (2002) - Mineral control of carbon storage in Andosols: case studies and applications to other soils. - *Mainzer naturwissenschaftliches Archiv*, 40/S7: 7-8.
- 02097** - ANTONELLI, C., PROVANSAL, M. (2002) - Characterisation and assesment of sand fluxes in the lower Rhone river, France. In: *River flow 2002, Louvain*: n.p. - Balkema.
- 02099** - MEUNIER, J.D. (2002) - Qu'est-ce qui contrôle les flux de silicium dissous vers les océans ? - *Océanis*, 28/3-4: 455-470.
- 03030*** - BARTHELEMY, W., et collab. (2003) - *Spectrométrie de masse isotopique à émission thermo-ionique*. - Aix-en-Provence: CEREGE-CNRS. - 68 p.
- 03044** - MIRALLES, J., RADAKOVITCH, O., VERON, A., COCHRAN, J.K., MASQUE, P., SANCHEZ-CABEZA, J.A. (2003) - Pollutant lead sources and deposition in the Western Mediterranean. - *Journal de Physique IV France*, 107: 875-878.
- 03113** - DELMONTE, B., BASILE-DOELSCH, I., PETIT, J.R., MICHARD, A., REVEL-ROLLAND, M., MAGGI, V., GEMMITI, B. (2003) - Refining the isotopic (Sr-Nd) signature of potential source areas for glacial dust in East Antarctica. - *Journal of Physics IV France*, 107: 365-368.
- 03114** - DESENFANT, F., CAMOIN, G.F., VERON, A. (2003) - Pollutant lead transport and input to the Caribbean during the 20th century. - *Journal of Physics IV France*, 107: 369-372.
- 03117** - DAMNATI, B., RADAKOVITCH, O., S., I., A., Y. (2003) - Estimation of soil loss in a drainage basin in Northern Morocco using caesium-137, preliminary results. - *African Geoscience reviews*, 10/4: 347-354.

- 03119** - BENARD, A., ROSE, J., HAZEMANN, J.M., BOTTERO, J.Y., VICHOT, A., LEMARCHAND, D. (2003) - Evolution of Pb speciation in Portland cement during leaching. - *Journal of Physics IV France*, 107: 143-146.
- 03120** - FLAMENT, P., DEBOUT, K., BERTHO, M.L., VERON, A., PUSKARIC, E. (2003) - An atmospheric lead source-areas apportionment study in Europe. - *Journal of Physics IV France*, 107: 487-490.
- 03121** - LE FLOCH, M., NOACK, Y., ROBIN, D. (2003) - Emission sources identification in a vicinity of the municipal solid waste incinerator of Toulon in the South of France. - *Journal of Physics IV France*, 107: 727-730.
- 03122** - NOACK, Y., LE FLOCH, M., ROBIN, D. (2003) - Environmental impact of a cadmium atmospheric pollution at Marseille (South France). - *Journal of Physics IV France*, 107: 961-964.
- 04003** - BEAUVAIS, A., RITZ, M., PARISOT, J.C., BANTSIMBA, C., DUKHAN, M. (2004) - Combined ERT and GPR methods for investigating two-stepped lateritic weathering systems. - *Geoderma*, 119: 121-132.
- 04107** - SUSKI, B., RIZZO, E., REVIL, A. (2004) - A sandbox experiment of self-potential signals associated with a pumping test. - *Vadose Zone Journal*, 3: 1193-1199.
- 04118** - DAMNATI, B., RADAKOVITCH, O., S., I. (2004) - Utilisation du césium-137 pour l'estimation des taux d'érosion dans un bassin versant au Nord du Maroc. - *Sècheresse*, 15/2: 195-199.

ARTICLES DE VULGARISATION

- 04088** - BARD, E. (2004) - Le climat va-t-il basculer ? - *Dossiers de la Recherche*, 17: 34-40.
- 04089** - BARD, E. (2004) - Neuf clés pour comprendre l'effet de serre. - *Dossiers de la Recherche*, 17: 8-13.
- 04090** - BARD, E. (2004) - Coups de soleil sur la planète. - *Dossiers de la Recherche*, 17: 26-29.
- 04101** - BOURLES, D., BENEDETTI, L., BRAUCHER, R. (2004) - Rayons cosmiques et chronologie des paysages. - *Dossier Pour La Science* ; 42, : 66-69.

THESES 2003-2004

- 03001*** - SPRACHTA, S. (2003) - *Les microbialithes des systèmes récifaux actuels de Tikehau, Moorea (Polynésie Française) et de Mayotte (Comores, Océan Indien), nature, distribution et processus de lithification.*
- 03002*** - GRIMAL, S. (2003) - *Rôle de la matière organique colloïdale dans la complexion des métaux en milieu aqueux.*
- 03003*** - KIRMAN, S. (2003) - *Cycles biogéochimiques et biodiversité en forêt tropicale humide : Etude d'une succession primaire sur coulées basaltiques (La Réunion, Océan Indien).*
- 03040*** - REGARD, V. (2003) - *Variations temporelle et spatiale de la transition subduction-collision. Tectonique de la transition Zagros-Makran (Iran) et modélisation analogique.*
- 03041*** - THEVENON, F. (2003) - *Les résidus carbonnés de feux dans les sédiments lacustres et océaniques intertropicaux : Implications méthodologiques, climatiques et anthropiques.*
- 03093*** - BREMOND, L. (2003) - *Calibration des fonctions de transfert entre assemblages phytolithiques, structure des végétations et variables bioclimatiques actuelles, pour l'intégration de la dynamique des biomes herbacés dans les modèles de végétation.*
- 03094*** - SOLOVITCH-VELLA, N. (2003) - *Influence de la phase colloïdale sur le transfert des radionucléides en milieux poreux.*
- 03095*** - BENARD, A. (2003) - *Le plomb et le chrome dans les ciments: spéciation et modélisation du transfert au cours de lixiviation.*
- 03096*** - CARCAILLET, J. (2003) - *Modulation de la production atmosphérique du cosmonucléide Béryllium-10 lors des excursions et des inversions géomagnétiques depuis 1,3 Ma.*
- 04012*** - MOUELE, F. (2004) - *Evolution des latérites manganésifères de Serra Do Navio (Brésil). Pétrologie et datation $^{40}\text{Ar}/^{39}\text{Ar}$ des cryptomélanes.*
- 04013*** - GOUIRAND, I. (2004) - *Analyse de la relation entre El Nino, La Nina et le climat du domaine nord-atlantique à l'époque contemporaine (1873-1996).*
- 04015*** - MIRALLES, J. (2004) - *Etude couplée des radionucléides et des isotopes stables du plomb en Méditerranée occidentale.*
- 04017*** - THORAL, S. (2004) - *Etude des interactions fer-arsenic dans les eaux souterraines du Bangladesh : approche microbiologique et physico-chimique.*

04018* - LE FLOCH, M. (2004) - *Caractérisation physico-chimique et traçage des émissions particulières métalliques d'une usine d'incinération d'ordures ménagères dans l'air ambiant. Exemple de l'UIOM de Toulon (Var, France).*

04019* - DESENFANT, F. (2004) - *Traçage des circulations atmosphériques et océaniques en Atlantique Nord Subtropical à partir d'enregistrement géochimiques (Isotopes du Plomb et de l'Oxygène) contenus dans le squelette des coraux massifs.*

04020* - GEORGES, K. (2004) - *Méthode de traitement statistique appliquée à l'exoscopie des quartz - Environnements fluviaux et littoraux de Provence.*

04056* - NAUDET, V. (2004) - *Les méthodes de résistivité électrique et de potentiel spontané appliquées aux sites contaminés.*

04057* - CHEVRIER, V. (2004) - *Approche magnétique de la formation du régolithe martien : Etudes sur analogues terrestres et expérimentaux.*

<p>Les articles marqués avec* ne sont pas disponibles pour échange <i>Articles noted with * are not available for exchange</i></p>
--