

PUBLICATIONS C. KISSEL

2019

FAUQUEMBERGUE, K., BACHERLERY, P., FOURNIER, F., CALEY, T., BASSINOT, F., MALAIZE, B., ZARAGOSI, S., **KISSEL, C.**, MORENO, E.

Turbidites activity in the Bengal fan during the last 248 kyr cal BP: clues from an inactive channel,

Marine Geology, accepted.

NAVE, S., LEBREIRO, S., MICHEL, E., **KISSEL, C.**, FIGUEIREDO, M. O., GUIHOU, A., LABEYRIE, L., ALBERTO, A.,

The Atlantic Meridional Overturning Circulation as productivity regulator of the North Atlantic Subtropical Gyre,

Quaternary Research, 91, 399 - 413. doi:10.1017/qua.2018.88, 2019

2018

DANG, H., JIAN, Z., WANG, T., BASSINOT, F., KISSEL, C., WU, J.

The calcification depth and Mg/Ca thermometry of *Pulleniatina obliquiloculata* in the tropical Indo-Pacific: a core-top study,

Marine Micropaleontology, 145, 28-40. DOI: 10.1016/j.marmicro.2018.11.001 (2018).

PERAL, M., DAËRON, M., BLAMART, D., BASSINOT, F., DEWILDE, F., SMIAŁKOWSKI, N., ISGUADER, G., BONNIN, J., JORISSEN, F., KISSEL, C., MICHEL, E., VAZQUEZ RIVEIROS, N., WAELBROECK, C.

Updated calibration of the clumped isotope thermometer in planktonic and benthic foraminifera

Geochemica and Cosmochimica Acta, 239, 1-16, DOI: 0.1016/j.gca.2018.07.016, 2018.

HADDAM, N. A., SIANI, G., MICHEL, E., KAISER, J., LAMY, F., DUCHAMP-ALPHONSE, S., ISGUÜDER, G., TISNERAT LABORDE, N., THIL, F., DURAND, N., KISSEL, C.

Changes in latitudinal sea surface temperature gradients along the Southern Chilean margin since the last glacial

Quaternary Science Review, 194, 62-76, DOI: 10.1016/j.quascirev.2018.06.023, 2018.

KISSEL, C., SARNTHEIN, M., LAJ, C., WANG, P.X., WANDRES, C., EGLI, R.,

Magnetic fingerprints of modern sediments in the South China Sea resulting from source-to-sink processes.

Geochim. Geophys. Geosystems, 19, DOI: 10.1029/2018GC007571, 2018.

PIRET, L., BERTRAND, S., **KISSEL, C.**, DE POL-HOLZ, R., TAMAYO HERNANDO, A., VAN DAELE, M.

First evidence of a mid-Holocene earthquake-triggered megaturbidite south of the Chile Triple Junction.

Sedimentary Geology, 375, 120-133, doi:10.1016/j.sedgeo.2018.01.002, 2018.

WILS, K., VAN DAELE, M., LASTRAS, G., **KISSEL, C.**, LAMY, F., SIANI, G.

Holocene Event Record of Aysén Fjord (Chilean Patagonia): an Interplay of Volcanic Eruptions, Crustal and Megathrust Earthquakes .
J. Geophys. Res. Solid Earth.: Solid Earth, 122. *Doi: 10.1002/2017JB014573*, 2018.

WARY M., EYNAUD F., KISSEL C., LONDEIX L., ROSSIGNOL L., LAPUYADE J., CASTERA M.-H., BILLY, I.

Spatio-temporal dynamics of hydrographic reorganizations and iceberg discharges at the junction between the Northeast Atlantic and Norwegian Sea basins surrounding Heinrich event 4.

Earth Planet. Sci. Lett., 481, 236-245, 2018.

2017

SASCO, R., GUILLOU, H., NOMADE, S., SCAO, V., MAURY, R. C., KISSEL, C., WANDRES, C.
 $^{40}\text{Ar}/^{39}\text{Ar}$ and unspiked $^{40}\text{K}-^{40}\text{Ar}$ dating of upper Pleistocene volcanic activity in the Bas-Vivarais (Ardèche, France)
J. Volcanol. Geoth. Res., 341, 301-314, 2017.

CHEN, Q., KISSEL, C., LIU, Z..

Late Quaternary climatic forcing on the terrigenous supply in the northern South China Sea during Late Quaternary: input from magnetic studies
Earth and Planetary Science Letters, 471, 160-171, (2017).

WARY M., EYNAUD F., SWINGEDOUW D., MASSON-DELMOTTE V., MATTHIESSEN J., KISSEL C., ZUMAQUE J., ROSSIGNOL L., JOUZEL J.
Regional seesaw between North Atlantic and Nordic Seas during the last glacial abrupt climate events.
Climate of the Past. doi:10.5194/cp-2017-14 (2017).

CHEN, Q., LIU, Z., KISSEL, C.

Clay mineralogical 1 and geochemical proxies of the East Asian summer monsoon evolution in the South China Sea during Late Quaternary.
Nature. Comm, Scientific reports, 7:42083, DOI: 10.1038/srep42083 (2017).

KAYVANTASH, D., COJAN, I., KISSEL, C., FRANKE, C.

Magnetic fingerprint of the sediment load in a meander bend section of the Seine River (France)
Geomorphology 286, 14-26 (2017).

KISSEL, C., LIU, Z., LI, J., WANDRES, C.,

Magnetic signature of river sediments drained into the southern and eastern part of the South China Sea (Malay Peninsula, Sumatra, Borneo, Luzon and Taiwan)
Sedimentary Geology, 347, 10-20 (2017).

LAJ, C., KISSEL, C.,

Is the Earth's magnetic field heading for a flip? Hints from the past.
Teaching Earth Sciences, Magazine of the Earth Scine Teachers' Association, vol. 42, 41-45, (2017).

2016

TAMBURRINO, S., INSINGA, D.D., PELOSI, N., **KISSEL, C.**, LAJ, C., CAPOTONDI, L., SPROVIERI, M.,

Tephrochronology of a ~ 70ka-long marine record in the Marsili Basin (southern Tyrrhenian Sea).

J. Volcanology and Geothermal Res., 327, 23-39 (2016).

KISSEL, C., LIU, Z., LI, J., WANDRES, C.,

Magnetic minerals in three Asian rivers draining into the South China Sea: Pearl, Red and Mekong Rivers

Geochem. Geophys. Geosystems, 17, 1678-1693, doi:10.1002/2016GC006283 (2016).

CHEN, Q., **KISSEL, C.**, GOVIN, A., LIU, Z., XIE, X.,

Correction of interstitial water changes in calibration methods applied to XRF core-scanning major elements in long sediment cores: case study from the South China Sea.

Geochem. Geophys. Geosyst., 17, 1925–1934, doi:10.1002/2016GC006320 (2016).

CARICCHI, C., CIFELLI, F., **KISSEL, C.**, SAGNOTTI, L., MATTEI, M.,

Distinct magnetic fabric in weakly deformed sediments from extensional basins and fold-and-thrust structures in the Northern Apennine orogenic belt (Italy).

Tectonics, 35, doi: 10.1002/2015TC003940 (2016).

2015

DANG, H., JIAN, Z., **KISSEL, C.**, BASSINOT, F.,

Precessional changes in the Western Equatorial Pacific hydro-climate : a 240 kyr marine record from the Halmahera sea, East Indonesia.

Geochemistry, Geophysics, Geosystems, 16, 148-164, doi : 10.1002/2014GC005550 (2015).

MONTADE, V., KAGEYAMA, M., COMBOURIEU-NEBOUT, N., LEDRU, M.P., MICHEL, E., SIANI, G., **KISSEL, C.**,

Teleconnection between the Intertropical Convergence Zone and southern westerly winds throughout the last deglaciation.

Geology, doi:10.1130/G36745.1 (2015).

URBANI S., TRIPPANERA, D., PORRECA, M., **KISSEL C.**, AND ACOCELLA V.,

Anatomy of an extinct magmatic system along a divergent plate boundary :
Alftafjordur, Iceland,

Geophysical Research Lett., doi : 10.1002/2015GL065087 (2015).

KISSEL, C., LAJ C., RODRIGUEZ-GONZALEZ A., PEREZ-TORRADO F., CARRACEDO J. C.,

WANDRES C.,

Holocene geomagnetic field intensity variations: contribution from the low latitude Canary Islands site.

Earth Planet. Sci. Lett. 430, 178-190 (2015).

ARACENA, C., KILIAN, R., LANGE, C. B., BERTRAND, S., LAMY, F., ARZ, H. W., DE POL-HOLZ,

R., BAEZA, O., PANTOJA S., **KISSEL, C.**,

Holocene variations in productivity associated with changes in glacier activity and freshwater flux in the central basin of the Strait of Magellan.
Palaeogeography, Palaeoclimatology, Palaeoecology, 436, 112-122, (2015).

LAJ C., AND KISSEL, C.,

An Impending geomagnetic transition? Hints from the past
Frontiers in Earth Science, 3:61. doi: 10.3389/feart.2015.00061 (2015).

BLASHEK, M., RENSSSEN, H., KISSEL, C., THORNALLEY, D.,

Holocene North Atlantic Overturning in an atmosphere-ocean-sea-ice model compared to proxy-based reconstructions.
Paleoceanography, 30, doi:10.1002/2015PA002828 (2015).

KISSEL, C., RODRIGUEZ-GONZALEZ A., LAJ C., PEREZ-TORRADO F., CARRACEDO J. C., WANDRES C., GUILLOU, H.

Paleosecular variation of the earth magnetic field at the Canary Islands over the last 15 ka.

Earth Planet. Sci. Lett. 412, 52-60 (2015).

2014

LAJ, C., GUILLOU, H., KISSEL, C.

Dynamics of the earth magnetic field in the 10-75 kyr period comprising the Laschamp and Mono Lake excursions: New results from the French Chaîne des Puys in a global perspective.

Earth Planet. Sci. Lett. 387, 184-197, 2014.

GALAASEN, E.V., ULYSSES S. NINNEMANN, U. S., IRVALI, N, KLEIVEN,H., ROSENTHAL, Y., KISSEL, C., HODELL, D. A.

Rapid Reductions in North Atlantic Deep Water During the Peak of the Last Interglacial Period,

Science Express, 10.1126/science.1248667, 2014.

COLIN C., SIANI G., LIU Z., BLAMART D., SKONIECZNY C., ZHAO Y., BORY A., FRANK N., DUCHAMP-ALPHONSE S., THIL F., RICHTER T., KISSEL C., GARGANI J.

Late Miocene to early Pliocene climate variability off NW Africa (ODP Site 659)

Palaeogeography, Palaeoclimatology, Palaeoecology, in press, 2014.

KISSEL, C., GUILLOU, H., LAJ, C. CARRACEDO, J.-C., PEREZ-TORRADO, F., WANDRES, C., RODRIGUEZ-GONZALEZ, A., NOMADE S.,

A combined paleomagnetic/dating investigation of the upper Jaramillo transition from a volcanic section at Tenerife (Canary Islands).

Earth and Planetary Science Letters 406, 59–71, 2014.

2013

KISSEL, C., VAN TOER, A., LAJ, C., CORTIJO, E., MICHEL, E.

Variations in the Strength of the North Atlantic Bottom water during Holocene.

Earth Planet. Sci. Lett. 369-370, 248-259, 2013.

MONTADE V., COMBOURIEU NEBOUT N., **KISSEL C.**, HABERLE S.G., SIANI G., MICHEL E.
Vegetation and climate changes during the last 22.000 yr from a marine core near
Taitao Peninsula, southern Chile.
Palaeogeogr. Palaeoclim. Palaeoecol., 369, 335-348, 2013.

DOKKEN T.M., NISANCIOLU K.H., LI C., BATTISTI D.S., **KISSEL C.**
Dansgaard-Oeschger cycles: Interactions between ocean and sea ice intrinsic to the
Nordic seas.
Paleoceanography 28, 491-502, 2013.

SIONNEAU T., BOUT-ROUMAZEILLES V., MEUNIER G., **KISSEL C.**, FLOWER B.P., BORY A.,
TRIBOVILLARD N.
Atmospheric re-organization during Marine Isotope Stage 3 over the North American
continent: sedimentological and mineralogical evidence from the Gulf of Mexico.
Quat. Sci. Rev. 81, 62-73, 2013.

GUILLOU H., KISSEL C., LAJ C., CARRACEDO J.C.
Dating the Teide Volcanic Complex: radiometric and palaeomagnetic methods.
In "Teide Volcano", Eds : J-C. Carracedo, V. Troll, Springer Monograph, section 6,
93-102 (2013).

LAJ C., CHANNELL J.E.T, KISSEL C.
Stratigraphie magnétique du million au millier d'années.
In : Paléoclimatologie : trouver, dater et interpréter les indices, Duplessy J.C. et
Ramstein, G. Eds, Chap. 6, CNRS Edition, 137-168 (2013).

2012

MALAIZÉ B., JULLIEN E., TISSERAND A., SKONIECZNY C., GROUSSET F.E., EYNAUD F., **KISSEL C.**, BONNIN J., KARSTENS, S., MARTINEZ P., BORY, A., BOUT-ROUMAZEILLES V., CALEY, T., CROSTA X., CHARLIER K., ROSSIGNOL L., FLORES J.A. AND SCHNEIDER R.,
Impact of African aridity on the isotopic signature of Atlantic deep waters across the
Middle Pleistocene Transition.
Quaternary Research, 77, 1, 182-191, DOI: 10.1016/j.yqres.2011.09.010, 2012.

IRVALI, N. NINNEMANN, U. S. GALAASEN, E. V., ROSENTHAL, Y., KROON, D., OPPO, D. W.,
KLEIVEN, H. F., DARLING, K. F., AND **KISSEL C.**,
Rapid switches in subpolar North Atlantic hydrography and climate during the Last
Interglacial (MIS 5e).
Paleoceanography, 27, PA2207, doi:10.1029/2011PA002244, 2012

MONTADE, V., NEBOUT COMBOURIEU, N., CHAPRON, E., MULSOW, S., ABARZUA, AM.,
DEBRET, M., FOUCHER, A., DESMET, M., WINIARSKI, T., **KISSEL, C.**,
Regional vegetation and climate changes during the last 13 kyr from a marine pollen
record in Seno Reloncavi, southern Chile,
Rev. Palaeobotany and Palynology, 181, 11-21, DOI: 10.1016/j.revpalbo.2012.04.005,
2012

ZUMAQUE, J., EYNAUD, F., ZARAGOSI S., MARRET F., MATSUZAKI K. M., **KISSEL C.**, ROCHE
D., MALAIZE, B., MICHEL E., BILLY I., RICHTER T., PALIS E.

An Ocean - Ice coupled response during the last glacial: zooming on the Rockall Trough during the marine isotopic stage 3,
Climate of the Past, 8, 1997-2017, doi:10.5194/cp-8-1997-2012.

KISSEL C., JIAN Z., LEAU, H. AND THE SHIPBOARD SCIENTIFIC PARTY
MD190-CIRCEA Cruise Report
Série "Les rapports de campagnes à la Mer, IPEV", Ref OCE2012/01

2011

BOLLIET, T., HOLBOURN A., KUHNT , A., LAJ, C., **KISSEL C.**, BEAUFORT L., KIENAST M., ANDERSEN N., GARBE-SCHÖNBERG, D.
Mindanao Dome variability over the last 160 kyr: Episodic glacial cooling of the West Pacific Warm Pool.
Paleoceanography, 26, PA1208, doi:10.1029/2010PA001966, 2011.

MONTADE V., COMBOURIEU NEBOUT N., S. MULSOW, **C. KISSEL**
Pollen distribution in marine surface sediments from Chilean Patagonia.
Marine Geology, 282, 161-168, doi:10.1016/j.margeo.2011.02.001, 2011.

LAJ, C., **KISSEL, C.**, DAVIES, C., GUBBINS, D.
Geomagnetic field intensity and inclination records from Hawaii and the Réunion Island: geomagnetic implications.
Physics of the Earth and Planet. Int., 187, 170-187, doi: 10.1016/j.pepi.2011.05.007, 2011.

KISSEL, C., GUILLOU, H., LAJ, C., CARRACEDO, J. C., NOMADE, S., PEREZ-TORRADO, F., WANDRES, C.
The Mono Lake excursion recorded in phonolitic lavas from Tenerife (Canary Islands): paleomagnetic analyses and coupled K/Ar and Ar/Ar dating.
Physics of the Earth and Planet. Int., 187, 232-244, doi:10.1016/j.pepi.2011.04.014, 2011.

GUILLOU H., NOMADE, S., CARRACEDO, J. C., **KISSEL, C.**, LAJ, C., WANDRES, C.
Effectiveness of combined Unspiked K-Ar and $^{40}\text{Ar}/^{39}\text{Ar}$ dating methods in the ^{14}C age range,
Quaternary Geochronology, 6 (6), 530-538, doi:10.1016/j.quageo.2011.03.011, 2011.

ZHENG, Y., ZHENG, H. B., **KISSEL, C.**, LAJ, C.
Sedimentation rate control on diagenesis, East China Sea sediments.
Physics of the Earth and Planet. Int., 187, 301-309, doi:10.1016/j.pepi.2011.05.005, 2011.

CANIUPÁN, M., F. LAMY, C. B. LANGE, U. NINNEMANN, R. KILIAN, C. ARACENA, O., B. URREA, H. ARZ, D. HEBBELN, J. KAISER, **C. KISSEL**, C. LAJ, G. MOLLENHAUER, R. TIEDEMANN
Millennial-scale sea surface temperature and Patagonian ice-sheet off Southernmost Chile (53°S) over the past similar to 60 kyr
Paleoceanography, 26, PA3221, DOI: 10.1029/2010PA002049, 2011.

2010

ZHENG, Y., KISSEL C., ZHENG, H. B., LAJ, C., WANG, K.,
Sedimentation on the inner shelf of the East China Sea: magnetic properties,
diagenesis and paleoclimatic implications.
Marine Geology, 268, 34-42, doi:10.1016/j.margeo.2009.10.009, 2010.

KISSEL, C., LAJ, C., SIGURDSSON, H., GUILLOU, H.,
Emplacement of magma in Eastern Iceland dikes: Insights from magnetic fabric and
rock magnetic analyses.
Journal of Volcanology and Geothermal Research 191, 79–92,
doi:10.1016/j.jvolgeores.2009.12.008, 2010.

SIONNEAU T., BOUT-ROUMAZEILLES V., FLOWER B.P., BORY A., TRIBOVILLARD N., KISSEL
C., VAN VLIET-LANOË E, B, MONTERO SERRANO J.C.
Provenance of freshwater pulses in the Gulf of Mexico during the last deglaciation.
Quaternary Research, 74-2, 235-245, doi:10.1016/j.yqres.2010.07.002.

KISSEL, C., LAJ, C., KIENAST, M., BOLLIET, T., HOLBOURN, A., HILL, P., KUHNT, W.,
BRACONNAT, P.,
Monsoon variability and deep oceanic circulation in the western equatorial Pacific
over the last climatic cycle: insights from sedimentary magnetic properties and
sortable silt.
Paleoceanography, 25, PA3215, doi:10.1029/2010PA001980, 2010.

SIANI, G., C. COLIN, E. MICHEL, M. CAREL, T. RICHTER, C. KISSEL, F. DEWILDE,
Late Glacial to Holocene terrigenous sediment record in the Northern Patagonian
margin: Paleoclimate implications.
Palaeogeography, Palaeoclimatology, Palaeoecology, 297: 26-36, 2010.

2009

LEONHARDT, R., FABIAN, K., WINKLHOFER, M., FERK, A., LAJ, C., KISSEL, C
Geomagnetic field evolution during the Laschamp Excursion
Earth and Planetary Science Letters, 278, 87-95, 2009.

FRANKE, C., KISSEL C., ROBIN E., BONTE P., AND LAGROIX F.,
Magnetic particle characterization in the Seine river system: Implications for the
determination of natural versus anthropogenic input.
Geochem. Geophys. Geosyst., 10, Q08Z05, doi:10.1029/2009GC002544, 2009.

SINGER, B. S., GUILLOU, H., JICHA, B. R., LAJ, C., KISSEL, C., BEARD B. L., JOHNSON C. M.,
 $^{40}\text{Ar}/^{39}\text{Ar}$, K-Ar and $^{230}\text{Th}-^{238}\text{U}$ dating of the Laschamp excursion: A radioisotopic tie-
point for ice core and climate chronologies
Earth and Planet. Sci. Lett., 286-80-89, 2009.

RUSSON, T., M. ELLIOT, C. KISSEL, G. CABIOCH, P. DE DECKKER, AND T. CORRÈGE
Middle-late Pleistocene deep water circulation in the southwest subtropical Pacific,
Paleoceanography, 24, PA4205, doi:10.1029/2009PA001755, 2009.

KISSEL, C., LAJ, C., MULDER, T., WANDRES, C., CREMER M.,
The magnetic fraction: a tracer of deep water circulation in the North Atlantic,
Earth and Planet. Sci. Lett., 288 (3-4), 444-454, doi:10.1016/j.epsl.2009.10.005, 2009.

2008

KISSEL, C. AND LAJ, C. (EDS)
"Paleomagnetic Rotations and Continental Deformations"
Publication Spéciale NATO Advanced Study Institute. 1988.

KLEIVEN, H. F., KISSEL, C., LAJ, C., NINNEMANN, U. S., RICHTER, T. O., CORTIJO, E.
Reduced North Atlantic Deep Water coeval with the Glacial Lake Agassiz fresh water
outburst.
Science, 60-64, DOI: 10.1126/science.1148924, 2008

SICRE M. A., JACOB, J. EZAT, U., ROUSSE, S., KISSEL, C. YIOU, P., EIRIKSSON, J., KNUDSEN K., JANSEN, E., TURON J. L.
Decadal variability of sea surface temperatures off North Iceland over the last 2000
years
Earth and Planetary Science Letters, Volume 268, Issues 1-2, 137-142, 2008.

KISSEL C., LAJ C., PIOTROWSKI A.M., GOLDSTEIN S.L., HEMMING S.R.,
Millenial-scale propagation of Atlantic deep waters to the glacial southern ocean.
Paleoceanography, VOL. 23, PA2102, doi:10.1029/2008PA001624, 2008.

LANCI, L., KISSEL, C., LEONHARDT, R., LAJ, C.
Morphology of the Iceland Basin Excursion from a spherical harmonics analysis and
an iterative Bayesian inversion procedure of sedimentary records.
Physics of the Earth and Planetary Interiors, 169, 131-139, 2008

KISSEL C., KLEIVEN, H., MORIN, X. AND THE SHIPBOARD SCIENTIFIC PARTY
MD168-AMOCINT (IMAGES XVII) Cruise Report
Série "Les rapports de campagnes à la Mer, IPEV", Ref OCE2008/02

KISSEL, C..
Le sud-est Pacifique – sud Chili : une région clé pour les études paléocéanographiques
et paléoclimatiques
Rapport activité IPEV 2007-Campagnes d'été 2007-2008.

2007

MAZAUD, A., C. KISSEL, C. LAJ, M. A. SICRE, E. MICHEL, AND J. L. TURON
Variations of the ACC-CDW during MIS3 traced by magnetic grain deposition in
midlatitude South Indian Ocean cores: Connections with the northern hemisphere and
with central Antarctica,
Geochim. Geophys. Geosyst., 8, Q05012, doi:10.1029/2006GC001532, 2007

J. LYNCH-STIEGLITZ, J. F. ADKINS, W. B. CURRY, T. DOKKEN, I. R. HALL, J. C. HERGUERA, J.-M. HIRSCHI, E. V. IVANOVA, C. KISSEL, O. MARCHAL, T. M. MARCHITTO, I. N. MCCAVE, J. F. McMANUS, S. MULITZA, U. NINNEMANN, F. PEETERS, E-F. YU, R. ZAHN
The Last Glacial Maximum Atlantic Meridional Overturning Circulation During the

Last Glacial Maximum
Science, 316 66 (2007); DOI: 10.1126/science.1137127.

MUTTONI, G., RAVAZZI C., BREDA, M., PINI, R., LAJ C., KISSEL C., MAZAUD A. AND GARZANTI E.
Magnetostratigraphic dating of an intensification of glacial activity in the southern Italian Alps during Marine Isotope Stage 22
Quaternary Research, Volume 67, Issue 1, 161-173, 2007.

NAVE, S, LABEYRIE, L., GHERARDI , J., CAILLON, N., CORTIJO, E., KISSEL, C. AND ABRANTES, F.
Primary productivity response to Heinrich events in the North Atlantic Ocean and Norwegian Sea
Paleoceanography, 22, PA3216, doi:10.1029/2006PA001335, 2007.

KISSEL C., LEAU, H. AND THE SHIPBOARD SCIENTIFIC PARTY
MD159-PACHIDERME (IMAGES XV) Cruise Report
Série “Les rapports de campagnes à la Mer, IPEV”, Ref OCE2007/0

2006

ROUSSE S., KISSEL C., LAJ C., EIRIKSSON, J., KNUDSEN, K.-L.
Holocene Centennial to Millennial-scale climatic variability: evidence from high-resolution magnetic analyses of the last 10 cal kyr off North Iceland (core MD99-2275).
Earth Planet. Sci. Lett., 242, 390-405, 2006.

RISEBROAKKEN, B., BALBON, E. DOKKEN, T. JANSEN, E., KISSEL, C., LABEYRIE, L. RICHTER, T. AND SENNESET, L.
The penultimate glacial maximum and deglaciation : high resolution paleoceanographic evidence from a North-South transect along the eastern Nordic Seas.
Earth Planet. Sci. Lett., 241, 505-516, 2006.

BALLINI, M., KISSEL C., COLIN, C., RICHTER, T.
Deep-water mass source and dynamic associated with rapid climatic variations during the last glacial stage in the North Atlantic : a multi-proxy investigation of the detrital fraction of deep-sea sediments.
Geochem. Geophys. Geosystems, 7, Q02N01, doi:10.1029/2005GC001070 , 2006.

GYLLENCREUTZ, R., and KISSEL, C.
Holocene sediment sources and transport patterns in the Sgagerrak interpreted from high resolution magnetic properties and grain size data
Quat. Sci. Reviews, 25, 1247-1263, 2006.

LAJ, C., KISSEL, C., AND ROBERTS, A.
Geomagnetic field behavior during the Iceland Basin and Laschamp geomagnetic excursions: a simple transitional field geometry?
Geochem. Geophys. Geosystems, 7, Q03004, doi : 10.1029/2005GC001122, 2006

COLIN C., TURPIN L., BLAMART D., FRANK N., **KISSEL C.**, S. DUCHAMP
Evolution of weathering patterns in the Indo-Burman Ranges over the last 280 kyr:
Effects of sediment provenance on $^{87}\text{Sr}/^{86}\text{Sr}$ ratios tracer.
Geochem. Geophys. Geosystems, 7, Q03007, doi : 10.1029/2005GC000962, 2006.

PRESSLING N., LAJ, C., **KISSEL, C.**, CHAMPION, D., GUBBINS, D.
Palaeomagnetic intensities from 14C-dated lava flows on the Big Island, Hawaii : 0-21
kyr.
Earth and Planet. Sci. Lett., 247, 26-40, 2006.

GYLLENCREUTZ, R., BACKMAN, J., JAKOBSSON, M., **KISSEL, C** AND E. ARNOLD
Postglacial Palaeoceanography in the Skagerrak
The Holocene, 16, 7, 973-983, 2006

CARVALLO, C., ROBERTS, A.P., LEONHARDT, R., LAJ, C., **KISSEL, C.**, PERRIN, M., CAMPS, P.
Selecting samples for paleointensity measurements using first-order reversal curve
(FORC) diagrams
J. Geophysical Research, VOL. 111, B12103, doi:10.1029/2005JB004126, 2006

2005

KISSEL, C
Magnetic signature of rapid climatic variations in glacial North Atlantic, a review.
CR Acad. Sci., , 337, 908-918, 2005.

LOUIS, L., DAVID, C., METZ, V., ROBION, P., MENENDEZ, B., **KISSEL, C.**
Microstructural control on the anisotropy of elastic and transport properties in
underformed sandstones
Int. J. Rock Mechanics and Mining Sci., 42, 911-923, 2005.

ABRANTES, F; LEBREIRO, S; RODRIGUES, T; GIL, I; BARTELS-JONSDOTTIR, H; OLIVEIRA, P;
KISSEL, C; GRIMALT, J.O
Shallow marine sediment cores record climate variability and earthquake activity off
Lisbon (Portugal) for the last 2,000 years.
Quat. Sci. Reviews, 24, 2477-2494, 2005.

SARNTHEIN, M., GEBHARDT H., KIEFER, T., ERLENKEUSER, H., **KISSEL, C.**, SCHMIEDER, F.,
95-ky cycles of ocean circulation in the far Northwestern Pacific and South China ea
during the Brunhes Chron.,
in :*Milutin Milankovitch Anniversary Symposium :Paleoclimate and the Earth System*,
Eds A. Berger, M. Ercegovac, F. Mseigner., Serbian Academy of Sciences and Arts,
Scientific meetings, Belgrade, vol. CX, 135-144, 002, 2005.

2004

LAJ, C., **KISSEL, C.**, BEER, J.,
High Resolution Global Paleointensity Stack since 75 kyrs (GLOPIS-75) calibrated to
absolute values.
AGU Monograph, “*Timescales of the Geomagnetic Field*”, series vol. 145. 225-265,
2004.

BRACHFELD, S. C. KISSEL, C. LAJ, A. MAZAUD

Viscous behavior of U-channels during acquisition and demagnetization of remanences: Implications for paleomagnetic and rock-magnetic investigations
Phys. Earth Planet. Int., 145, 1-8, 2004

KISSEL, C., LAJ, C.,

Improvements in procedure and selection criteria for Thellier and Thellier paleointensity determinations: application to hawaiian basaltic long cores.
Phys. Earth Planet. Int., 147, 155-169, 2004.

H. GUILLOU, B. S. SINGER, C. LAJ, C. KISSEL, S. SCAILLET, B. R. JICHA

On the age of the Laschamp geomagnetic excursion
Earth Planet. Sci. Lett., 227 331-343, 2004.

MUSCHELER, R., J. BEER , G. WAGNER, C. LAJ, C. KISSEL, G. M. RAISBECK, F. YIOU, P. W. KUBIK

Changes in the carbon cycle during the last deglaciation as indicated by the comparison of ¹⁰Be and ¹⁴C records.

Earth Planet. Sci. Lett., 219, 325-340, 2004.

2003

KISSEL, C., LAJ, C., POISSON, A., GÖRÜR N.

aleomagnetic reconstruction of the Cenozoic evolution of the Eastern Mediterranean
ectonophysics, 362, 199-217, 2003.

BRACHFELD, S., DOMACK, E., KISSEL, C., LAJ, C., LEVENTER, A., ISHMAN, S., GILBERT, R., CAMERLENGHI, A.

Geomagnetic paleointensity dating of Holocene Antarctic shelf sediment from beneath the former Larsen-A ice shelf.

Geology, 31, 749-752, 2003.

KISSEL, C., LAJ, C., CLEMENS, S., SOLHEID, P.

Magnetic Signature of Environmental Changes in the last 1.2 My at ODP Site1146, South China Sea.

Marine Geology, 201, 119-132, 2003

2002

STONER, J. S., LAJ, C., CHANNELL, J. E. T., KISSEL, C.

South Atlantic (SAPIS) and North Atlantic (NAPIS) geomagnetic paleointensity stacks (0-80 ka) : implications for inter-hemispheric correlation.

Quaternary Science Reviews, 21, 1141-1151, 2002.

BEER, J., MUSCHELER, R., WAGNER, G., C. LAJ, C. KISSEL, KUBIK, P., SYNAL, H. A.

Cosmogenic Nuclides during Isotope Stages 2 and 3
Quaternary Science Reviews, 21, 1129-1139, 2002.

LAJ, C., KISSEL, C., SCAO, V., BEER, J., THOMAS, D. M., GUILLOU, H., MUSCHELER, R., WAGNER, G.

Geomagnetic Intensity and Inclination Variations at Hawaii for the past 98 kyr from core SOH-4 (Big Island): a new study and a comparison with existing contemporary data.

Physics Earth and Planet. Int, 129, 205-243, 2002.

LAJ, C., KISSEL, C., MAZAUD, A., MICHEL, E., MUSCHELER, R., BEER, J.
Geomagnetic Field Intensity, North Atlantic Deep Water Circulation and
Atmospheric delta¹⁴C during the last 50 Kyr
Earth Planet. Sci. Lett., 200, 179-192, 2002.

MAZAUD, A., SICRE, M. A., EZAT, U., PICHON, J.J., DUPRAT, J., LAJ, C., KISSEL, C., BEAUFORT, L., MICHEL, E., TURON, J.L.

Geomagnetic assisted stratigraphy and SST changes in core MD94-103 (southern Indian Ocean): possible implications for North-South climatic relationships around H4.

Earth Planet. Sci. Lett., 201, 159-170, 2002.

LAJ, C., KISSEL, C., GUILLOU, H.

Bernard Brunhes' original site revisited

EOS Transaction, American Geophysical Union, 83 (35), 381-387, 2002.

EYNAUD, F., TURON, J. L., MATTHIASSEN, J., KISSEL, C., PEYPOUQUET, J. P., DE VERNAL, A., HENRY, M.

Norwegian sea-surface palaeoenvironments of marine oxygen-isotope stage 3 : the paradoxical response of dinoflagellate cysts.

J. Quaternary Science, 17 (4), 349-359, 2002.

2001

COLIN, C., BERTAUX, J., TURPIN, L., KISSEL, C.,

Dynamics of the erosion in the Irrawaddy River basin during the last two climatic cycles (280-0 ka).

C. R. Acad. Sciences Paris, 332, 483-489, 2001.

WAGNER, G., C. LAJ, J. BEER, C. KISSEL, R. MUSCHELER, J. MASARIK, H.-A. SYNAL

Reconstruction of the paleoprecipitation rate of central Greenland during the last 75 kyr using the cosmogenic radionuclides ³⁶Cl & ¹⁰Be and geomagnetic field intensity data.

Earth Planet. Sci. Lett., 193, 515-521, 2001.

KISSEL, C.,

Comment on: 'A late Pleistocene clockwise rotation phase of Zakynthos (Greece) and implications for the evolution of the western Aegean Arc' By Duermeijer, C.E., Krijgsman, W., Langereis, C.G., Meulenkamp, J.E., Triantaphyllou, M.V., Zachariasse, W.J., *Earth Planet. Sci. Lett.* 173, 315-331, 1999C
Earth Planet. Sci. Lett., 186, 325-326, 2001.

2000

GUILLOU, H., SINTON, J., LAJ, C., KISSEL, C., SZEREMETA, N.

New K/Ar ages of the shield lavas from Waianae volcano-Oahu-Hawaiian

Archipelago
. *Volcanology and Geothermal Research*, 96, 229-242, 2000.

LAJ, C., KISSEL, C., MAZAUD, A., CHANNELL, J.E.T., BEER, J.
North Atlantic paleointensity stack since 75 ka (NAPIS-75) and the duration of the
Laschamp event
Phil. Trans. Royal Soc. London, 358, 1009-1025, 2000.

LAJ, C., SZEREMETA, N., KISSEL, C., GUILLOU, H.
Absolute geomagnetic paleointensities at Hawaii between 3.9 and 3.1 Ma: first results.
Earth and Planet. Sci. Lett., 179, 191-204, 2000.

WAGNER G., BEER, J., LAJ, C., KISSEL, C., MAZARIK, J., MUSCHELER, R., SYNAL, H.-A.
Chlorine-36 evidence for the Mono Lake event in the Summit GRIP ice core.
Earth Planet. Sci. Lett., 181, 1-6, 2000.

STONER, J. S., CHANNELL, J. E. T., HILLAIRE-MARCEL, C., KISSEL, C.
Geomagnetic Palaeointensity and millennial scale climate from Labrador Sea Core
MD95-2024 : a new global chronostratigraphy for marine sediments and ice cores for
the last 110 kyr.
Earth Planet. Sci. Lett., 183, 161-177, 2000.

1999

SZEREMETA, N., LAJ, C., GUILLOU, H., KISSEL, C., MAZAUD, A., CARRACEDO, J. C.
300 ka of geomagnetic paleosecular variation in the Brunhes period from El Hierro
(Canary islands)
Earth and Planet. Sci. Lett., 165, 241-253, 1999.

LAJ, C., KISSEL, C.,
Geomagnetic Field Intensity at Hawaii for the last 400 kyr from the Hawaii
Scientific Drilling Project core, Big Island, Hawaii.
J. Geophys. Res., 104, 15317-15338, 1999.

Colin, C., Bertaux, A., Desprairies, A., Turpin L., and Kissel C.
EROSIONAL HISTORY OF THE HIMALAYAN AND BURMAN RANGES DURING THE LAST
TWO GLACIAL-INTERGLACIAL CYCLES.
Earth and Planet. Sci. Lett., 171, 647-660, 1999.

KISSEL, C., LAJ, C., LABEYRIE, L., DOKKEN, T., VOELKER, A., BLAMART, D.
Rapid climatic variations during marine isotopic stage 3: magnetic analysis of North
Atlantic sediments.
Earth and Planet. Sci. Lett., 171, 489-502, 1999.

KISSEL, C., LAJ, C., LABEYRIE, L., DOKKEN, T., VOELKER, A., BLAMART, D.
Magnetic signature of rapid climatic variations in North Atlantic sediments.
in *Reconstructing Ocean History: a Window into the Future*, edited by F. Abrantes &
A. Mix, pp. Plenum Publishing, 419-437, 1999.

1998

WILLIAMSON, D., JELINOWSKA, A., **KISSEL, C.**, TUCHOLKA, P., GIBERT, E., GASSE, F., MASSAULT, M., TAIEB, M., VAN CAMPO, E., WIECKOSWSKI, K.,
Rock-magnetic proxy of erosion/oxidation cycles in Late Quaternary maar-lake sediments (Lake Tritrivakely, Madagascar): paleoenvironmental implications.
Earth Planet. Sci. Lett., 155, 205-219, 1998.

JACKSON, M., MOSKOWITZ, B., ROSENBAUM, J. AND **KISSEL, C.**
Field dependence of AC susceptibility in titanomagnetites
Earth Planet. Sci. Lett., 157, 129-139, 1998.

MOSKOWITZ, B., JACKSON, M., AND **KISSEL, C.**
Low temperature magnetic behaviour of titanomagnetites
Earth Planet. Sci. Lett., 157, 141-149, 1998.

COLIN, C., **KISSEL, C.**, BLAMART, D., TURPIN, L.
Magnetic properties of sediments in the Bay of Bengal and the Andaman Sea: impact of rapid North Atlantic Ocean climatic events on the strength of the Indian Monsoon.
Earth and Planet. Sci. Lett., 160, 623-635, 1998.

KISSEL, C., LAJ, C., MAZAUD, A., DOKKEN, T
Magnetic anisotropy and environmental changes in two sedimentary cores from the Norwegian Sea and the North Atlantic
Earth and Planet. Sci. Lett., 164, 617-626, 1998.

1997

Laj, C., Raïs, A., Surmont, J., Gillot, P. Y., Guillou, H., **Kissel, C.**, Zanella, E.
Changes of the geomagnetic field vector obtained from lava sequences on the island of Vulcano (Aeolian Islands, Sicily)
Physics of the Earth and Planet. Int., 99, 161-177, 1997.

ROBION, P., **KISSEL, C.**, FRIZON DE LAMOTTE, D., J. P. LORAND, AND J. C. GUEZOU.
Magnetic mineralogy and metamorphic zonation in the Ardenne massif (France-Belgium).
Tectonophysics, 271, 231-248, 1997.

KISSEL, C., LAJ, C., LEHMAN, B., LABEYRIE, L., BOUT-ROUMAZEILLES, V.
Changes in the strength of the Iceland-Scotland overflow water in the last 200,000 years: evidence from magnetic anisotropy analysis of core SU90-33.
Earth Planet. Sci. Lett., 152, 25-36, 1997.

CORTIJO, E., ELLIOT, M., VIDAL, L., LABEYRIE, L., **KISSEL, C.**, GROUSSET, F.
The last glacial period: rapid changes in air temperature and ocean hydrology
In PAGES highlight, 5, n°2, 15, August 1997.

1996

MATTEI, M., **KISSEL, C.**, FUNICIELLO, R.,
No tectonic rotation of the Tuscan Tyrrhenian margin (Italy) since late Messinian

J. Geophys. Res., 101, 2835 - 2845, 1996.

Garnier, F., Herrero-Bervera, E., Laj, C., Guillou, H., **Kissel, C.**, Thomas, D.M.

Geomagnetic field intensity variations over the last 42 000 years from core SOH-4, Big Island, Hawaii.

J. Geophys. Res., 101, 585-600, 1996.

LEHMAN, B., LAJ, C., **KISSEL, C.**, PATERNE M., LABEYRIE, L.,

Relative changes of the geomagnetic field intensity during the last 250 000 years obtained from piston cores in the Azores area.

Phys. Earth and Planet. Int., 93, 269-284, 1996.

Garnier, F., Laj, C., Herrero-Bervera, E., **Kissel, C.**, and Thomas, D. M.

Preliminary determinations of geomagnetic field intensity for the last 400 kyr from the Hawaii Scientific Drilling Project core, Big Island, Hawaii.

J. Geophys. Res., 101, B5, 11665-11673, 1996.

LAJ, C., **KISSEL, C.**, LEFEVRE, I.

Relative geomagnetic field intensity and reversals retrieved from upper Miocene sections in Crete.

Earth Planet. Sci. Lett., 141, 67-78, 1996.

LAJ, C., **KISSEL, C.**, HERRERO-BERVERA, E. AND GARNIER, F.

Relative geomagnetic field intensity and reversals for the last 1.8 Myr from a central Pacific core

Geophys. Res. Lett., 23, 3393-3396, 1996.

MATTEI, M., **KISSEL, C.**, SAGNOTTI, L., FUNICELLO, R., AND FACENNA, C.

Lack of Late Miocene to present rotation in the Northern Tyrrhenian margin (Italy): a constraint on geodynamic evolution.

In: "Palaeomagnetism and Tectonics of the Mediterranean Region", A. Morris and D.H. Tarling eds. Geological Society Special Publication n°105, 141-146, 1996.

1995

SPERANZA, F., ISLAMI, I., **KISSEL, C.**, AND HYSENI, A.,

Paleomagnetic evidence for Cenozoic clockwise rotation of the external Albanides

Earth Planet. Sci. Lett., 129, 121-134, 1995.

MATTEI, M., **KISSEL, C.**, FUNICELLO, R.,

Paleomagnetic and structural evidence of Neogene block rotations in the Central Apennines (Italy).

J. Geophys. Res., 100, B9, 17863-17883, 1995.

WEEKS, R., LAJ, C., ENDIGNOUX, L., MAZAUD, A., LABEYRIE, L., ROBERTS, A., **KISSEL, C.**, AND BLANCHARD, E.

Normalized natural remanent magnetisation intensity during the last 240.000 years in piston cores from the central north Atlantic Ocean: geomagnetic field intensity or environmental signal?

Phys. Earth Planet. Int., 87, 213-229, 1995.

ROBION, P., FRIZON DE LAMOTTE, D., **KISSEL, C.** AND AUBOURG, C.,
Tectonic versus mineralogical contribution to the magnetic fabrics of epimetamorphic
slaty rocks: an example from the Ardennes Massif (France-Belgium).
J. Structural Geol., 17, 8, 1111-1124, 1995.

KISSEL, C., SPERANZA, F., MILICEVIC, V
Paleomagnetism of external southern Dinarides and northern Albanides: implications
for the Cenozoic activity of the Scutari-Pec shear zone
J. Geophys. Res., 100, B8, 14999-15007, 1995.

AVERBUCH, O., MATTEI, M., **KISSEL, C.**, AND FRIZON DE LAMOTTE, D., AND SPERANZA, F
Cinématique des déformations au sein d'un système chevauchant aveugle: l'exemple de
la "Montagna dei Fiori" (front des Apennins centraux, Italie).
Bull. Soc. Géol. Fr., 166, 5, 451-461, 1995.

1994

SURMONT, J., LAJ, C., **KISSEL, C.**, RANGIN, C., BELLON, H., PRIADI, B.
New paleomagnetic constraints on the Cenozoic tectonic evolution of the North Arm of
Sulawesi (Indonesia).
Earth Planet. Sci. Letters, 121, 629-638, 1994.

GASSE, F., E. CORTIJO, J. R. DISNAR, L. FERRY, E. GIBERT, **C. KISSEL**, F. LAGGOUN-DEFARGE,
E. LALLIER-VERGES, J. C. MISKOVSKY, B. -RATSIMBAZAFY, F. RANAIVO, P. TUCHOLKA,
J. L. SAOS, A. SIFFEDINE, M. TAIEB, E. VAN CAMPO, D. WILLIAMSON (GDR 970-CNRS
- ORSTOM)
A 36 kyr environmental record in the southern tropics: Lake Tritrivakely (Madagascar).
Comptes Rendus Acad. Sci. Paris, t 318, série II, 1513-1519, 1994.

PFLEIDERER, S. AND **KISSEL, C.**
Variation of pore fabric across a fold-thrust structure.
Geophys. Res. Lett., 21, 19, 2147-2150, 1994.

MATTEI, M., FUNICELLO, R., **KISSEL, C.** AND LAJ, C.
Strike-slip tectonics and Neogene block rotation in Central Italy
Mem. Soc. Geol. It., 48, 485-497, 1994.

1993

ZANCHI, A., **KISSEL, C.**, AND TAPIRDAMAZ, C.,
Late Cenozoic and Quaternary brittle continental deformation in Western Turkey,
Bull. Soc. Géol. Fr., 164, 4, 507-517, 1993.

KISSEL, C., AVERBUCH, O., FRIZON DE LAMOTTE, D., MONOD, O., AND ALLERTON, S.
Preliminary paleomagnetic evidence of a post-Eocene clockwise rotation of the
Western Taurides thrust belt, east of the Isparta reentrant (Southern Turkey).
Earth and Planet. Sci. Lett., 117, 1-14, 1993.

AVERBUCH, O., FRIZON DE LAMOTTE, D., **KISSEL, C.**

Strain distribution above a lateral culmination: an analysis using microfaults and magnetic fabric measurements in the Corbières thrust belt (NE Pyrenees, France).
Annales Tectonicae, VII-1, 3-21, 1993.

SPERANZA, F. AND KISSEL, C.

First paleomagnetism of Eocene rocks from Gargano: widespread overprint or non rotation?
Geophys. Res. Lett., 20, 23, 2627-2630, 1993.

MATTEI, M., FUNICELLO, R., KISSEL, C., AND LAJ, C.

Neogene tectonic evolution of the Central Apennines (Italy) revealed by paleomagnetic and magnetic fabric analyses.
Annali di Geofisica, vol. XXXVI, n°2, 75-81, 1993.

1992

SPERANZA, F., KISSEL, C., ISLAMI, I., HYSINI, A., AND LAJ, C.

First paleomagnetic evidence for a rotation of the Ionian Zone of Albania,
Geophys. Res. Lett., Vol. 19-7, 697-700, 1992.

AVERBUSH, O., FRIZON DE LAMOTTE, D., AND KISSEL, C.

Magnetic fabric as a structural indicator of the deformation path within a fold-thrust structure: a test case from the Corbières (NE Pyrenees, France).
Journal of Structural Geology, 14, 4, 461-474, 1992.

MACEDO-SANCHEZ, O., SURMONT, J., KISSEL, C., MITOUARD, C., AND LAJ, C.

Late Cenozoic rotation of the Peruvian Western Cordillera and the uplift of the central Andes.
Tectonophysics, 205, 1-3, 65-78, 1992.

KISSEL, C., LAJ, C., SURMONT, J., MACEDO-SANCHEZ, O., MITOUARD, P..

South American active margin: Andean deflections and crustal thickening.
Bull. Société Géologique de France, t163, n°4, 371-380, 1992.

MACEDO-SANCHEZ, O., SURMONT, J., KISSEL, C., AND LAJ, C.,

New temporal constraints on the rotation of the Peruvian central Andes obtained from paleomagnetism,
Geophys. Res. Lett., 19, 18, 1875-1878, 1992.

MITOUARD, P., LAJ, C., MOURIER, T., AND KISSEL, C..

Paleomagnetic study of an arcuate belt developed on a marginal orogen: the Cajamarca deflection, Northern Peru,
Earth and Planet. Sci. Lett., 112, 41-52, 1992.

MACEDO-SANCHEZ, O., SURMONT, J., KISSEL, C., MITOUARD, P., AND LAJ, C..

Rotacion cenozoica de la cordillera occidental peruana y soleantamiento de los Andes centrales.

Bull. de l'Institut Francais des Etudes Andines, 21 (1), 1-24, 1992.

MATTEI, M., FUNICELLO, R., KISSEL, C., AND LAJ, C.

Rotazioni di blocchi crostali neogenici nell'Appennino Centrale: analisi paleomagnetiche e di anisotropia della suscettività magnetica (AMS).
Studi Geologici Camerti., vol. spec. (1991/1992 CROP11), 221-229, 1992.

DECINI, D., FUNICELLO, R., MATTEI, M., TOZZI, M., KISSEL, C., AND LAJ, C.
Dati paleomagnetici preliminari nelle unità neogeniche del margine Tosco-Laziale.
Mem. Soc. Geol. Italienne, Milano, (45), Sept. 90., 569-575, 1992.

1991

TRIC E., LAJ, C., JEHANNO, C., VALET, J. P., KISSEL, C., MAZAUD, A., IACCARINO, S.
High resolution record of the upper Olduvai transition from Po valley (Italy) sediments:
support for dipolar transition geometry?
Physics of Earth and Planetary Interior, 65, 319-336, 1991.

LEE, T. Q., KISSEL, C., BARRIER, C., LAJ, C., AND CHI W. R.,
Paleomagnetic evidence for a diachronic clockwise rotation of the Coastal Range,
Eastern Taiwan.
Earth and Planetary Sciences Letters, 104, 245-257, 1991.

ZANCHI, A., KISSEL, C., AND TAPIRDAMAZ, C.,
Continental deformation in Western Turkey: a structural and paleomagnetic approach.
In: International earth sciences congress on Aegean regions, Oct 1990, Edts: Y. Savascin and A. Heronat, 357-367, 1991.

TOZZI, M., FUNICELLO, R., PAROTTO, M., KISSEL, C., LAJ, C.,
Evidenze paleomagnetiche per una ricostruzione geodinamica eo-oligocenica
dell'avampaese Apulo meridionale,
Atti del II convegno di Geomagnetismo ed Aeronomia, A. Meloni e B. Zolesi eds., 173-222, 1991.

1990

LEE, T. Q., KISSEL, C., LAJ, C., HORNG, C. S., LUE, Y. T.
Magnetic fabric analysis of the Plio-Pleistocene sedimentary formations of the Coastal
Range of Taiwan.
Earth and Planetary Sciences Letters, 98, 23-32, 1990.

MITOUARD, P., KISSEL, C. AND LAJ, C.
Post-Oligocene rotations in Southern Ecuador and Northern Peru and the formation of
the Huancabamba deflection in the Andean Cordillera.
Earth and Planetary Sciences Letters, 98, 329-339, 1990.

1989

TURNER, G. M., ROBERTS, A. P., LAJ, C., KISSEL, C., MAZAUD, A., GUITTON, S., CHRISTOFFEL,
D. A.
New paleomagnetic results from Blind River: revised magnetostratigraphy and tectonic
rotation of the Marlborough region, South Island, New Zealand

New Zealand Journal of Geology and Geophysics, 32, 191-196, 1989.

LAJ, C., MITOUARD, P., ROPERCH, P., **KISSEL, C.**, MOURIER, T., MEGARD, F.

Paleomagnetic rotations in the Coastal areas of Ecuador and Northern Peru.

Publication Spéciale NATO Advanced Study Institute: "Paleomagnetic Rotations and Continental Deformations", édité par C. Kissel et C. Laj, 489-511, 1989.

KISSEL, C., LAJ, C., POISSON, A., SIMEAKIS, K.

A pattern of block rotations in Central Aegea.

Publication Spéciale NATO Advanced Study Institute: "Paleomagnetic Rotations and Continental Deformations", édité par C. Kissel et C. Laj, 115-129, 1989.

SIMEAKIS, K., MERCIER, J., VERGELY, P., **KISSEL, C.**

Late Cenozoic rotations along the north Aegean trough fault zone (Greece); structural constraints.

Publication Spéciale NATO Advanced Study Institute: "Paleomagnetic Rotations and Continental Deformations", édité par C. Kissel et C. Laj, 131 - 143, 1989.

KISSEL, C., LAJ, C., MAZAUD, A., POISSON, A., SAVASCIN, Y., SIMEAKIS, K., FRAISSINET, C., MERCIER, J. L.

Paleomagnetic study of the Neogene formations of the Aegean area.

Publication spéciale NATO Advanced Study Institute "Tectonic evolution of the Tethyan regions" édité par A. M. C. Sengör, 137-157, 1989.

ZANCHI, A., **KISSEL, C.**, AND TAPIRDAMAZ, C..

Deformazione continentale Neogenico-Quaternaria in Anatolia occidentale: nuovi dati strutturali.

Mem. Soc. Geol. It. , 45, 481-488, 1989.

1988

KISSEL, C. AND LAJ, C.

The Tertiary geodynamical evolution of the Aegean Arc: a paleomagnetic reconstruction.

Tectonophysics, 146, 183-201, 1988.

LAJ, C., GUITTON, S., **KISSEL, C.**, AND MAZAUD, A.

Complex behaviour of the geomagnetic field during three successive polarity reversals, 11-12 my BP

J. Geophys. Res., 93, 11655-11666, 1988.

TOZZI, M., **KISSEL, C.**, FUNICELLO, R., LAJ, C., AND PAROTTO, M.

A clockwise rotation of southern Apulia?

Geophysical Research Letters, 15, 7, 681-684, 1988.

LEE T. Q., CHI, W. R., **KISSEL, C.**, BARRIER, E.

Magnetic polarity zonation of two sedimentary rock sequences in the middle and southern parts of eastern coastal range, Taiwan.

Act. Geologica Taiwanica, 26, 179-192, 1988.

1987

KISSEL, C. ET POISSON, A.

Etude paléomagnétique préliminaire des formations cénozoïques des Bey Daglari (Taurides occidentales).

Compte Rendus de l'Académie des Sciences, 304, 343-348, 1987.

KISSEL, C., LAJ, C., SENGÖR, A. M. C. AND POISSON, A.

Paleomagnetic evidence for rotation of adjacent blocks in opposite senses in an extensional tectonic regime (Northeastern Aegea and Western Anatolia).

Geophysical Research Letters, 14, 907-910, 1987.

LAJ, C., GUITTON, S. AND KISSEL, C.

Rapid changes and near-stationarity of the geomagnetic field vector during a polarity reversal.

Nature, 330, 145-148, 1987.

1986

KISSEL, C

Apport du paléomagnétisme à la compréhension de l'évolution géodynamique tertiaire du domaine égéen de l'Epire à l'Anatolie occidentale."

Thèse d'Etat, Université Paris XI. Mention très honorable et félicitations du jury. 12 Décembre 1986.

Kissel, C. et Poisson, A.

ETUDE PALEOMAGNETIQUE PRELIMINAIRE DES FORMATIONS NEOGENES DU BASSIN D'ANTALYA (TAURIDES OCCIDENTALES, TURQUIE).

COMPTE RENDUS ACAD. SCI. PARIS, 302, II-10, 711-716, 1986.

KISSEL, C., BARRIER, E., LAJ, C. AND LEE, T-Q.

Magnetic fabric in "undeformed" marine clays from compressional zones.

Tectonics, 5, 5, 769-782, 1986.

Kissel, C., Laj, C., Poisson, A., Savascin, Y., Simeakis, K, and Mercier, J. L

PALEOMAGNETIC EVIDENCE FOR NEOGENE ROTATIONAL DEFORMATIONS IN THE AEGEAN DOMAIN.

TECTONICS, 5, 5, 783-796, 1986.

KISSEL, C., KONDOPOLOU, D., LAJ, C. AND PAPADOPOULOS, P.

New paleomagnetic data from Oligocene formations of Northern Aegea.

Geophysical Research Letters, 13, 10, 1039-1042, 1986.

KISSEL, C., LAJ, C. AND MAZAUD, A.

Paleomagnetic results from Neogene formations in Evia, Skyros and the Volos region and the deformation of Central Aegea.

Geophysical Research Letters, 13, 1446-1449, 1986.

LEE, T. Q., KISSEL, C., HORNG, C. S., LUE, Y. T. AND LAJ, C.

Palaeomagnetic study of the sedimentary rocks along the Hsiukulan River, Eastern

Taiwan.

Bull. Inst. Earth. Sci., Academia Sinica 6, 169-184, 1986.

1985

KISSEL, C., JAMET, M. AND LAJ, C.

Paleomagnetic evidence of Miocene and Pliocene rotational deformations of the Aegean area.

Publication Spéciale de la Geological Society of London "Geological Evolution of the Eastern Mediterranean", J.E.Dixon and A.H.F.Robertson Editors. 17, 669-679, 1985.

KISSEL, C., LAJ, C. AND MULLER, C.

Tertiary geodynamical evolution of Northwestern Greece: palaeomagnetic results.
Earth and Planetary Sciences Letters. 72, 190-204, 1985.

1984

KISSEL, C

"Evolution Géodynamique de la Grèce nord-occidentale depuis l'Oligocène: apport du paléomagnétisme."

Thèse 3ème cycle, Université Paris XI. Mention très honorable et félicitations du jury.
17 Mai 1984.