

Communications avec actes – Stéphane Garambois

2023

1. Fondriest M., Vassallo M., Garambois S., Mitchell T., Di Giulio G., Doan M.-L., Voisin C., The heterogeneous near-surface velocity structure of carbonate-hosted seismogenic fault zones investigated at different length scales: from ultrasonic measurements to ..., EGU-3376.
2. Baillet L., Teodor D., Guillemot A., Faller S., Larose E., and S. Garambois, Detection and localization of ice cavity using ambient seismic noise EGU23-5464, <https://doi.org/10.5194/egusphere-egu23-5464>
3. Mikhael N., Poli P., S Garambois, Non-linear seismic velocity variations observed during a seismic swarm in the Alto Tiberina low angle normal fault from ambient noise correlation measurements, EGU23
4. E. Glück, S Garambois, J Vandemeulebrouck - 2023 - First results of a multiphysics experiment at Krafla geothermal volcano: Seismicity pattern from joint hypocenter-3D travel-time tomography inversion, EGU 2023.
5. G. Provenzano, S Garambois, J Virieux, R Brossier, L Métivier, 3D seismic tomography of the Harmalière landslide (French Alps) by interferometry, EGU23

2022

6. T Gaubert, C Bordes, S Garambois, D Brito, C Voisin, Sensitivity of seismic-noise based methods to controlled water content changes: insight from laboratory measurements, AGU Fall Meeting Abstracts 2022, H52H-0552
7. V. Martins Gomes, D Brito, S Garambois, C Bordes, H Barucq, Quantitative comparison of seismoelectric laboratory data with numerical modelling based on electrokinetic theory, EGU General Assembly Conference Abstracts, EGU22-7703
8. N. Mikhael, P Poli, S Garambois, Monitoring long term seismic velocity changes in the Apennines region (ITALY), EGU, EGU22-2170.
9. S. Byrdina, JL Got, L Metral, P Hering, M Baques, L De Barros, Magnetotelluric investigations in the Ubaye seismic swarm region, Western Alps : a connection between electrical conductivity, fluids and earthquakes? EGU, EGU22-3498.
10. M. SALCEDO, S. GARAMBOIS, D. BRITO, C. MATONTI, Seismic imaging from first arrivals in a carbonate rock : reconstruction in highly anisotropic medium, EAGE Conference on Seismic Inversion, 2022(1), 1-5.

2021

11. V. Shalaeva, P Poli, S Giffard-Roisin, S Garambois, g Glacier Dynamics by Hierarchical Clustering of Continuous Seismic Data Recorded on a Dense Seismic Array: Application to Argentiere Glacier, French Alps, AGU Fall Meeting Abstracts, S35C-0233.
12. T. Gaubert, S Garambois, C Bordes, C Voisin, P Roux, D Brito, High-resolution monitoring of controlled water-table variations from seismic interferometry, field and laboratory approach, AGU Fall Meeting Abstracts 2021, NS35D-0398
13. C Shen, D Brito, J Diaz, C Bordes, J Virieux, S Garambois, Tomographic imaging of a carbonate core using different ultrasonic seismic sources at the laboratory scale: Piezoelectric versus point-like pulsed-laser, SEG International Exposition and Annual Meeting, D011S143R001

14. S. Garambois, T Gaubert-Bastide, C Bordes, C Sanchez Trujillo, C Voisin, On the use of dense seismic noise arrays for groundwater resources monitoring: Results from a controlled infiltration experiment in a water catchment site, First International Meeting for Applied Geoscience & Energy, 3110-3114 – invited speaker.
15. D Brito, C Shen, J Diaz, C Bordes, J Virieux, S Garambois, Tomographic seismic imaging of a carbonate core at the laboratory scale, NSG2021 27th European Meeting of Environmental and Engineering Geophysics ...
16. VM Gomes, D Brito, S Garambois, C Bordes, H Barucq, Experiments and Modelling of Seismoelectrics in the Ultrasonic Range: A Comparison With Electrokinetic Theory, NSG2021 27th European Meeting of Environmental and Engineering Geophysics ...
17. M Salcedo, S Garambois, D Brito, F Sanjuan, Multiparameter Anisotropic First-Arrival Seismic Tomography of Acoustic Laboratory Data in Carbonates, NSG2021 27th European Meeting of Environmental and Engineering Geophysics ...
18. GAUBERT-BASTIDE T., GARAMBOIS S., BORDES C., ROUX P., VOISIN C., 2021, Suivi temporel haute-résolution des variations hydrologiques par corrélation du bruit ambiant enregistré par un réseau sismologique dense, 12^{ème} Colloque GEOFCAN, 9 & 10 mars 2021.

2020

19. A. GUILLEMOT, L. BAILLET, S. GARAMBOIS, X. BODIN, É. LAROSE, A. HELMSTETTER AND R. MAYORAZ, 2020, Towards mechanical modeling of rock glaciers from modal analysis of passive seismic data, EGU2020-13874, <https://doi.org/10.5194/egusphere-egu2020-13874>, EGU General Assembly 2020

2019

20. M. SALCEDO, S. GARAMBOIS, P. LE BOUTEILLER AND J. VIRIEUX, 2019, Anisotropie matrix-free tomography using discontinuous Galerkin of GPR data acquired between boreholes in Rustrel carbonates, 10th International Workshop on Advanced Ground Penetrating Radar, The Hague, 8-12 September 2019.
21. GARAMBOIS, S., VOISIN, C., GUZMAN, M.A.R., BRITO, D., 2019, Monitoring groundwater level variations using ballistic waves reconstructed from seismic noise in an urban water field: A combination of experimental and numerical approaches, Society of Exploration Geophysicists International Exposition and Annual Meeting 2019, SEG 2019; San Antonio; United States; 15-20 September.

2017

22. L. CHARLET, F. BLANCHO, T. BONNET, S. GARAMBOIS, P. BOIVIN, T. FERBER, D. TISSERAND, S. GUEDRON, 2017, Industrial Mercury Pollution in a Mountain Valley: A Combined Geophysical and Geochemical Study, *Procedia Earth and Planetary Science*, Volume 17, 2017, Pages 77–80.
23. O. AMOROSO, G. DE LANDRO, G. RUSSO, A. ZOLLO, S. GARAMBOIS, S. MAZZOLI, M. PARENTE & J. VIRIEUX, 2017, Three-dimensional attenuation imaging of the Irpinia fault zone (Southern Italy): inferences on the fluid storage and earthquake related processes, EGU 2017, Vienna-Austria, 23-28 April.
24. C. SHEN, D. BRITO, J. DIAZ, D. ZHANG, V. POYDENOT, C. BORDES & S. GARAMBOIS, 2017, On the use of a laser ablation as a laboratory seismic source, EGU 2017, Vienna-Austria, 23-28 April.
25. V. SERLENGA, S. DE LORENZO, G. RUSSO, O. AMOROSO, S. GARAMBOIS, J. VIRIEUX, AND A. ZOLLO, 2017, A three-dimensional QP imaging of the shallowest subsurface of Campi Flegrei offshore caldera, southern Italy, EGU 2017, Vienna-Austria, 23-28 April.
26. S. WARDEN, P. SAILHAC AND S. GARAMBOIS, 2017, Microseismoelectric Monitoring - A New Technique to Monitor Hydraulic Stimulation Processes Conference Proceedings, 79th EAGE Conference and Exhibition 2017, Jun 2017, Volume 2017, p.1 – 5, DOI: <https://doi.org/10.3997/2214-4609.201701123>.

2016

27. HUGO PINARD, STÉPHANE GARAMBOIS, LUDOVIC MÉTIVIER, MICHEL DIETRICH, GUY SÉNÉCHAL AND DOMINIQUE ROUSSET, 2016, Full-waveform inversion of GPR data acquired between boreholes in Rustrel carbonates, E3S Web Conf. Volume 12, 2016 i-DUST 2016 – Inter-Disciplinary Underground Science & Technology.
28. CHENGYI SHEN, DANIEL BRITO, VALIER POYDENOT, JULIEN DIAZ, STEPHANE GARAMBOIS, et al.. Seismic wave propagation in heterogeneous limestone samples. Journées d'Etude des Milieux Poreux, Oct 2016, Anglet, France.
29. D. AROSIO, J. DEPARIS, L. ZANZI AND S. GARAMBOIS, "Fracture characterization with GPR: A comparative study," 2016 16th International Conference on Ground Penetrating Radar (GPR), Hong Kong, 2016, pp. 1-6. doi: 10.1109/ICGPR.2016.7572679 2016.
30. WELLINGTON P, R. BROSSIER, O. HAMITOU, S. GARAMBOIS, J. VIRIEUX, 2016, Preconditioning FWI with the sparse additive inverse laplacian correlation function, SEG Technical Program Expanded Abstracts.
31. D. BRITO, V POYDENOT, S GARAMBOIS, J DIAZ, C BORDES, 2016, Seismic imaging in laboratory trough laser Doppler vibrometry, EGU General Assembly Conference Abstracts, 2016.
32. O. AMOROSO, G. DE LANDRO, G. RUSSO, A. ZOLLO, S. GARAMBOIS, S. MAZZOLI, M. PARENTE & J. VIRIEUX, 2016, High resolution 3D imaging of the Irpinia active fault zone part 1: Attenuation tomography, 35th General Assembly of the European Seismological Commission.
33. G. DE LANDRO, O. AMOROSO, G. RUSSO, A. ZOLLO, S. GARAMBOIS, S. MAZZOLI, M. PARENTE, J. VIRIEUX, 2016, High resolution 3D imaging of the Irpinia active fault zone part 2: Modeling of rock physical properties, 35th General Assembly of the European Seismological Commission.
34. F. LAVOUÉ, G. SÉNÉCHAL, S. GARAMBOIS & J. VIRIEUX, 2016, 2D Quantitative imaging of a limestone reservoir by FWI of surface-based GPR measurements, 59th Irish Geological Research Meeting (IGRM59), Galway (Ireland).

2015

35. Benjelloun Y., de Sigoyer J., Sahin M., S. Garambois & H. Dessales, 2015, The North Anatolian Fault in the region of Iznik (Turkey) : Geomorphological Evolution and Archeoseismicity, AGU Fall Meeting 2015, At San Francisco.
36. Dupuy B., Baltharet, Landro M, Garambois S., Asnaashari A. & J. Virieux, 2015, Inversion of Rock Physics Properties From Seismic Attributes Using a Downscaling Method, DOI: 10.3997/2214-4609.201414402 · Third EAGE Workshop on Rock Physics.
37. S Garambois, C Vincent, A Legchenko, E Thibert, 2015, A combined GPR and SNMR monitoring of a drained intraglacial water pocket located into the polythermal glacier of Tête Rousse, Advanced Ground Penetrating Radar (IWAGPR), 2015 8th International Workshop, Florence, Juillet.
38. H Pinard, S Garambois, L Métivier, M Dietrich, J Virieux, 2D frequency-domain full-waveform inversion of GPR data: Permittivity and conductivity imaging, Advanced Ground Penetrating Radar (IWAGPR), 2015 8th International Workshop, Florence, Juillet.
39. Matonti, C. and Guglielmi, Y. and Viseur, S. and Leonide, P. and Floquet, M. and Garambois S., 2015, Geophysical and geochemical tracing of fault-zone slip and seal mechanisms through diagenetic evolution, EGU General Assembly Conference Abstracts.
40. H. Pinard, M. Dietrich, S. Garambois, F. Lavoué, L. Métivier et J. Virieux. Simultaneous GPR reconstruction of electrical conductivity and permittivity. In 77th EAGE Conference and Exhibition, Madrid, 2015.
41. P.J. Wellington, R. Brossier, S. Garambois and J. Virieux, 2015, 2D Acoustic Time Domain Full Waveform Inversion - A Broadband Application in the Carnarvon Basin, Australia, 77th EAGE Conference and Exhibition 2015.

42. L. Pousse, R. Vassao, F. Jouanne, F. Audemard, E. Pathier, J. Carcaillet, S. Garambois, J. Oropeza & J. Aray, 2015, Geomorphological slip rate and preliminary paleoseismological study along the Boconó fault, Venezuela, 6th International meeting on Paleoseismology, Active tectonics and Archeoseismicity, 19-24 April 2015, Pescara, Fucino Basin, Italy.
43. S Garambois, A Legchenko, C Vincent, E Thibert, 2015, Suivi temporel [2007-2014] par géoradar et résonance magnétique protonique d'une poche d'eau localisée au sein du glacier polythermique de Tête Rousse (massif du Mont Blanc), XIII journées scientifiques de l'AGAP qualité.
44. F Cappa, Y Guglielmi, S Viseur, S Garambois, The mechanical implications of deep fluids in the rupture process of giant landslides, - EGU General Assembly Conference Abstracts, 2015.
45. Girard J.-F., Legchenko A., Baltassat J.-M., C. Vincent, S. Garambois, 2015, Monitoring water accumulation in a glacier using time lapse magnetic resonance surveys, Flow Trans 2015, International Conference on Flow in Transforming Porous Media, Nov 2015, Strasbourg, France.
46. P. Wellington, R. Brossier, S. Garambois, and J. Virieux (2015) Laplacian based Preconditioning of FWI: Using prior information from seismic reflection data.. SEG Technical Program Expanded Abstracts 2015: pp. 1436-1440.

2014

47. M. Shinta-Devi, M. Dietrich & S. Garambois, 2014, Seismo-electric response to various electrode arrangements, 24th Réunion des Sciences de la Terre, At Pau, France.
48. Larose, E. and Voisin, C. and Carriere, S. and Bottelin, P. and Jongmans, D. and Baillet, L. and Garambois, S., Environmental Seismology, EGU General Assembly Conference Abstracts.
49. M Dietrich, M. Shinta Devi, G Cougoulat, S Garambois, 2014, Electrode Response in Seismo-Electric Measurements, AGU Fall Meeting Abstracts, 2014.
50. Guglielmi, Y. and Cappa, F. and Viseur, S. and Baudement, C. and Garambois, S., 2014, Deep fluids effects on rupture of slow-moving giant landslides as a result of stress transfer and weakening, AGU Fall Meeting Abstracts.

2013

51. Dietrich M. & Garambois S., Some Theoretical and Practical Questions in Transient Electrokinetic Coupling in Fluid-Saturated Porous Media, Fifth Biot Conference on Poromechanics, July 10-12, 2013 | Vienna, Austria.
52. S Garambois, M Dietrich, 2013, Observation of the diffuse Biot slow wave via its electrokinetic coupling: a numerical perspective, Poromechanics V: Proceedings of the Fifth Biot Conferences on Poromechanics, July 10-12, 2013 | Vienna, Austria. 2013
53. A. Asnaashari, R. Brossier, S. Garambois, F. Audebert and J. Virieux, 2013, Target-oriented Time-lapse Imaging Using FWI with Prior Model Information, 75th EAGE Conference & Exhibition incorporating SPE EUROPEC 2013.
54. F. Lavoué, R. Brossier, S. Garambois, J. Virieux and L. Métivier, "2D full waveform inversion of GPR surface data: Permittivity and conductivity imaging," 2013 7th International Workshop on Advanced Ground Penetrating Radar, Nantes, 2013, pp. 1-6, doi:10.1109/IWAGPR.2013.6601521.
55. C Bordes, S Garambois, D Brito, M Dietrich, 2013, Experimental and numerical evidences of the observation of the Biot slow wave thanks to its electrokinetic conversion, AGU Fall Meeting Abstracts, 2013.
56. C Voisin, S Garambois, E Larose, C Massey, 2013, Seismic noise correlations and monitoring of the Utiku (New-Zealand) landslide, EGU General Assembly Conference Abstracts, 2013.

57. Delor, E. and Manighetti, I. and Garambois, S. and Beaupretre, S. and Vitard, C., 2013, Repetition of large stress drop earthquakes on Wairarapa fault, New Zealand, revealed by LiDAR data, AGU Fall Meeting Abstracts.

2012

58. F. Lavoué, R. Brossier, S. Garambois et J. Virieux. Permittivity and conductivity reconstruction by full waveform inversion of GPR data using the L-BFGS-B algorithm. In Near Surface Geoscience, Paris, 2012.
59. Amir Asnaashari, R. Brossier, S. Garambois, F. Audebert, P. Thore, and J. Virieux, 2012, Time-lapse imaging using regularized FWI: A robustness study , 82th SEG Annual meeting, Las vegas, 4-9 November 2012.
60. Legchenko, A., C. Vincent, J-M. Baltassat, S. Garambois, E. Thibert, A. Gilbert, M. Descloitres, J-F. Girard, O. Gagliardini and H. Guyard, Monitoring of water accumulation in the Tête Rousse glacier (French Alps) using 3D magnetic resonance imaging, EAGE, near surface, Paris, September 2012.
61. Asnaashari A., Brossier R., Garambois S., Audebert F. , Thore P. & J. Virieux, Regularized full waveform inversion including prior model information, EAGE, Copenhagen, june 2012.
62. Garambois S., Jongmans D. & A. Helmstetter, EAGE, Copenhagen, juin 2012.

2011

63. Warden S., Garambois S., Jouniaux L. & P. Saihac, 2011, A review of seismoelectric processing techniques, AGU Fall meeting, San Francisco, 5-9 december 2011.
64. Dupuy B., Garambois S. & J. Virieux, 2011, Seismic wave propagation in multiphase complex porous media : upscaling and downscaling approaches, AGU Fall meeting, San Francisco, 5-9 december 2011.
65. Manighetti I., Beauprêtre S., Garambois S., Malavieille J., Chatton M. & G. Sénéchal, 2011, Finding the buried memory of past earthquakes with geophysical, GPR-based paleoseismology, AGU Fall meeting, San Francisco, 5-9 december 2011.
66. Garambois S., Deparis J., Lavoué F., Brossier R. & J. Virieux, 2011, Inversion of dispersive multioffset GPR data for thin-layer characterization: application to fracture estimation, AGU Fall meeting, San Francisco, 5-9 december 2011.
67. Jongmans D., Helmstetter A., Garambois S., 2011, The use of seismic arrays for monitoring landslides, Society exploration of Geophysicists, annual meeting, San Antonio, 18-23 September, 2011.
68. Warden, S., S. Garambois, L. Jouniaux and P. Sailhac, Filtering techniques applied to synthetic seismoelectric data, Seismoelectrics International Workshop, Hannover, Feb. **2011_INV**
69. Guyard H., Legchenko A., Chalikalas K., Garambois S., Deplanques C. & J.-P. Laurent, 2011, Experimental verification of 3D Magnetic Resonance Tomography (MRT) in the Luitel peat bog (France), 17th European Meeting of Environmental and Engineering Geophysics of the Near Surface Geoscience Division of EAGE, Leicester, UK, 12 – 14 September 2011.
70. Asnaashari A., Brossier R., Garambois S., Audebert F., Thore P., and J. Virieux, 2011, Sensitivity analysis of time-lapse images obtained by differential waveform inversion with respect to reference model, Society exploration of Geophysicists, annual meeting, San Antonio, 18-23 September, 2011.

2010

71. HELMSTETTER A. & S. GARAMBOIS, 2010, Seismic monitoring of the Séchilienne Rockslide (French Alps) : analysis of seismic signals and their correlation with rainfalls, Eur. Seismological Com. 32th General Assembly, September 6-10, Montpellier, France.

72. GARAMBOIS, S., QUINTERRO A., MASSEY C. & C. VOISIN, 2010, Variability in seismic site effect response of a landslide: results from a one-year monitoring of the Utiku landslide (North Island, New-Zealand), Eur. Seismological Com. 32th General Assembly, September 6-10, Montpellier, France.
73. Helmstetter, A., S. Garambois, J. Kasperski, J-P Duranthon, and P. Pothérat, Seismic monitoring of the Séchilienne Rockslide (French Alps): analysis of seismic signals and their correlation with rainfalls, EGU Vienna, 2-7 May 2010.
74. Garambois S., Quintero A.; Massey C. & C. Voisin, 2010, Azimuthal and thickness variabilities of seismic site effect response of the Utiku landslide (North Island, New-Zealand), EGU Vienna, 2-7 May 2010.
75. Helmstetter, A., S. Garambois, and P. Lacroix, Seismic monitoring of Séchilienne Rockslide (French Alps): micro-seismicity, rockfalls, and triggering by rainfall, Congress on physico chemical processes in seismic faults, Nov 2010
76. Grasso, J.-R. , S. Garambois, D; Jongmans, A. Helmstetter, T. Lebourg, J.-P. Malet, W. Berolo, R. Béthoux, L. Daras, and P. Ulrich, The OMIV Observatory on landslides - Observing with Multi-parameters the Instability of Versants, EGU Vienna, 2-7 May 2010

2009

77. GARAMBOIS S., I. Manighetti, J. Malavieille, R. Langridge, and T. Davis., 2009, Searching for the buried memory of past strong earthquakes on strike-slip faults, AGU Fall meeting, 14-18 December, San Francisco, USA.
78. E. Le Meur, E. Berthier, D. Blankenship, A.-S. Drouet, G. Durand, B. de Fleurian, O. Gagliardini, S. Garambois, Y. Gim, J. W. Holt, D. L. Kirchner, B. Legresy, J. Mouginit, A. Safaeinili, M. J. Siegert, E. Rignot, D. Young, 2009, Towards a comprehensive geophysical coverage of a test Glacier; example from various surveys during field campaigns over the Astrolabe outlet Glacier, East Antarctica, AGU Fall meeting, 14-18 December, San Francisco, USA.
79. C. Bordes, L. Jouniaux, S.Garambois & M. Dietrich, 2009, Seismoelectric and seismomagnetic measurements: original experiments within the Low Noise Underground Laboratory of Rustrel (France), AGU Fall meeting, 14-18 December, San Francisco, USA.
80. C. Bordes, S.Garambois, L. Jouniaux & P. Sénéchal, 2009, Seismoelectric measurements for the caracterisation of partially saturated porous media, AGU Fall meeting, 14-18 December, San Francisco, USA.
81. P. Sénéchal, C. Bordes, J. Barrière, S. Garambois & D. Brito, 2009, Experimental seismic investigations for porous media characterization, AGU Fall meeting, 14-18 December, San Francisco, USA.
82. P. Sénéchal, S. Garambois & C. Bordes, 2009, Seismic characterization and monitoring of fresh concrete using acoustic waves, AGU Fall meeting, 14-18 December, San Francisco, USA.
83. Legchenko, A., R. Clement, E. Maury, L-M. Mic, S. Garambois, J-P. Laurent, C. Desplanque and H. Guyard, 2009, Locating water storage of the Luitel lake peat bog using MRS, ERT and GPR, 4th International Workshop on magnetic resonance, 20-22 october 2009, Grenoble, France.
84. E. Le Meur, De Fleurian B., Durand G., Gagliardini O., Garambois S., Rignot E., Holt J. and Drouet A-S, 2009, Better understanding of the specific dynamics of coastal outlet glaciers in east Antarctica from field data and numerical modelling: the DACOTA project, International Symposium on glaciology in the Polar year, Newcastle, UK, 27-31 July 2009.
85. Travalletti, J.; Sailhac, P.; Grandjean, G.; Malet, J.-P.; Ponton, J. & Garambois, S. (2009), Spatio-temporal monitoring of water infiltration in weathered clay-shale slopes with electrical resistivity tomography, *EGU-09 General Assembly, Vienna, Austria*.

2008

86. Hocine-Debieche, T.; Grandjean, G.; Garambois, S.; Ponton, J. (2008), Geophysical and hydrological monitoring of water flows on an active mudslide in nearly saturated conditions: the Super-Sauze hydrogeophysical experiment, *EGU-08 General Assembly, Vienna, Austria*

2007

87. Deparis, J., and S. Garambois, Inversion of dispersive APVO GPR curves : a thin-layer approach for fracture characterization on a vertical cliff (2007). In 4eme IWAGPR Workshop, Naples, Italy, June 2007, 5p.

2006

88. Deparis J., and S. Garambois, Fracture Imaging and Characterization from APVO GPR Data, GPR (2006), Columbus, United States, 19 – 22 June 2006, 6p. Honourable mention of Young Scientist Best Paper Award.
89. Deparis J., S. Garambois and D. Jongmans, GPR Amplitude and Phase versus Offset (APVO) studies for fracture characterization (SOLICITED), Abstract EGU, Vienne, Autriche, mai 2006.
90. MERIC O., GARAMBOIS S. & ORENGO Y, "Large gravitational movement monitoring using a spontaneous potential network" SAGEEP, Seattle, 2 6 April 2006
91. MERIC O., GARAMBOIS S. ORENGO Y DURANTHON J.-P. & POTHÉRAT P, "SP monitoring of a huge rocky landslide (Séchilienne, The Alps, France)", EGU, Vienna, Austria 02 – 07 April 2006.
92. MERIC O., GARAMBOIS S. MALET J.-P. & CORNOU C. "Seismic noise investigations of the Super-Sauze earthflow (The Alps, France): field measurements and numerical modelling", EGU, Vienna, Austria 02 – 07 April 2006.
93. MALET J.-P, O. MAQUAIRE, S. GARAMBOIS, D. JONGMANS, S. SCHWARTZ, C. DELACOURT, V. MARC, C. EMBLANCH, A.-L. COGNARD-PLANCQ, Y. DURAND, P. ETCHEVERS, P. SAILHAC, T.A. BOGAARD, TH.W.J. VAN ASCH, P. ALLEMAND, O. CANTAT, R. DAVIDSON, The GACH2C research project: Assessing the influence of climate change on the activity of landslides in the Ubaye valley and the Trièves Region (southeast France), EGU, Vienna, Austria 02 – 07 April 2006.
94. AUTHEMAYOU C., BAIZE S., BELLIER O., CHARDON D., CLAUZON G., CUSHING E., DUSSOUILLEZ P., FLEURY T. , GARAMBOIS S., GUIGNARD P., HERMITTE D., HOLLENDER F., JONGMANS D., MOCOCHAIN L., MOLLIEUX S., NGUYEN F., REVIL A., SEBRIER M., SIAME L.I, 2006, Tectonique active en Provence : étude des failles de la durance et de la Trévaresse, 21 ème RST, Dijon.

2005

95. DEPARIS J., GARAMBOIS S. & D. JONGMANS, 2005, GPR imaging and characterization of fractures in limestone cliffs, EGU joint Assembly, Vienna, Austria, 24-29th April.
96. MERIC, O. ; GARAMBOIS, S. ; JONGMANS, D. ; J.-P. MALET, 2005, Caractérisation de la structure interne de mouvements de terrain dans les formations argileuses par méthodes géophysiques." AUGC, Grenoble, 25-26 mai 2005.
97. MERIC O., S. GARAMBOIS, D. JONGMANS, G. GRANDJEAN & J.-P. MALET, 2005, Geophysical and Seismic Noise Investigations of a Clayey Earthflow, Proceedings of the 11th European meeting of Environmental and Engineering Geophysics, Palermo, Italy, 5-8th September.
98. NGUYEN F., GARAMBOIS S & D. JONGMANS, 2005, Surface wave methods to explore shallow active faults, Proceedings of the 11th European meeting of Environmental and Engineering Geophysics, Palermo, Italy, 5-8th September.

99. REY E., JONGMANS D., GOTTELAND P. & S. GARAMBOIS, 2005, Estimating the composition of an heterogeneous soil containing stony inclusions using both seismic and electrical measurements, Proceedings of the 11th European meeting of Environmental and Engineering Geophysics, Palermo, Italy, 5-8th September.

2004

100. CRAVOISIER, S., S. GARAMBOIS, P. GUEGUEN, A. MARAND AND J. MONNET. 2004. Combined geophysical and seismological experiments on a landslide developing in varved clay, Conf. European Geophysical Union, Nice, France, April 25-30, paper EGU04-A-04065.
101. GREGOIRE C., M. JEANNIN, M. WATHELET, S. GARAMBOIS AND D. JONGMANS, Fracture characterisation using the NA inversion algorithm on synthetic GPR signals, Proceedings of the 10th European meeting of Environmental and Engineering Geophysics, Utrecht, the Netherlands.
102. GUEGUEN, P., S. GARAMBOIS, S. CRAVOISIER AND D. JONGMANS. 2004. Geotechnical, geophysical and seismological methods for surface sedimentary layers analysis, in Proc. 13th World Conf. Earth. Engng., Vancouver, B.C., Canada, August 1-6, Paper No. 1777.
103. JEANNIN M., GARAMBOIS S., JONGMANS D. AND GRÉGOIRE C., Application of radar for investigating fractures in limestone cliffs (French Alps), Proceedings of the IX international Symposium on landslides, Rio de Janeiro, June 28 – July 2, 2004, 781-787.
104. MERIC O., JONGMANS D., GARAMBOIS S., VENGEON J.-M. & J.-L. CHATELAIN, 2004, Geophysical investigations of the large gravitational mass movement of Séchilienne (Alps, France), EGU joint Assembly, Nice, France, 25th April-1st May.
105. MERIC O., JONGMANS D., GARAMBOIS S., GIRAUD A. & J.-M. VENGEON, 2004, Investigation of the gravitational movement of Séchilienne by geophysical methods, Proceedings of the IX International Symposium on Landslides, Rio de Janeiro, 28 June 2 July 2004.
106. MERIC O., GRANDJEAN G. BITRI A., MALET J.-P. & S. GARAMBOIS, 2004, Application of geophysical technics to define the internal structure of a clayey earthflow, Réunion des Sciences de la Terre, Strasbourg, 20-25 September 2004.
107. NGUYEN F., S. GARAMBOIS, D. CHARDON, D. JONGMANS, O. BELLIER, D. HERMITTE 2004. Geophysical Investigation of a Slow Active Faults in the Provence area, France. European Association Geosc. & Engineers, EAGE, 10th European Meeting of Environmental and Engineering Geophysics, 6-9 Sept. 2004, Utrecht, extended abstr. Book, ISBN 90-73781-37-X.
108. BELLIER, P. GUIGNARD, F. NGUYEN, D. CHARDON, L. SIAME, S. GARAMBOIS, M. CUSHING, M. SÉBRIER, CH. AUTHEMAYOU, D. HERMITTE, D. JONGMANS, E. BAROUX. 2004. Tectonique active de la faille de la Moyenne Durance. RST, Strasbourg, 20-25 Sept. 2004.
109. BELLIER O., M. CUSHING, M. SÉBRIER, F. NGUYEN, P. GUIGNARD, D. CHARDON, L. SIAME, S. GARAMBOIS, E. BAROUX, A.E. LEBATARD, D. HERMITTE, CH. AUTHEMAYOU, D. JONGMANS, N. BÉTHOUX, PH. DUSSOULLIEZ, G. VALENSISE, J.P. PEULVAST, B. DEVOOGD, PH. PAILLOU. 2004. Tectonique active et aléa sismique de la Faille de la Moyenne Durance. Journées “Chaire de Géodynamique du Collège de France” organisées par X. Le Pichon et O. Bellier. « La déformation active du Sud-Est de la France. ». 23&24 Mars 2004. Recueil de résumés, p.6.
110. CHARDON D., O. BELLIER, D. HERMITTE, M. SÉBRIER, F. NGUYEN, S. GARAMBOIS, D. JONGMANS. 2004. Evolution of the Trévaresse reverse fault (Provence, France): combined structural and geomorphic analysis, microtopography, geophysical survey and trenching. SAFE final meeting,, Paris, 5-6 April 2004, p. 17-19.
111. NGUYEN F., S. GARAMBOIS, D. CHARDON, D. JONGMANS, O. BELLIER, D. HERMITTE 2004. Geophysical Investigation of a Slow Active Thrust Fault: the Trevarresse Fault, France. SAFE final meeting,, Paris, 5-6 April 2004, p. 42-44.

2003

112. DIETRICH, M., GARAMBOIS, S. & S. PRIDE, 2003, Apports et spécificités des couplages électrocinétiques dans le contexte de la caractérisation des galeries souterraines, Colloque du GDR Forpro, La Grande-Motte, 22 septembre – 24 septembre, 4p.
113. JEANNIN, M., GARAMBOIS, S., JONGMANS D. & C. GREGOIRE, 2003, Caractérisation des instabilités de falaise par radar géologique, Journées Techniques et Scientifiques : auscultation radar en génie civil, Nantes, LCPC, 14 & 15 octobre, 4 p.
114. CHARDON D., BELLIER O., NGUYEN F., GARAMBOIS S., JONGMANS D., HERMITTE D. & M. SÉBRIER, The Trévaresse ridge anticline and the geological boundary conditions of the 1909 Lambesc (Provence, France) earthquake, EGS - AGU - EUG Joint Assembly, Nice, France, April 2003.
115. GARAMBOIS S., DIETRICH M., PRIDE S. & C. BORDES, Recent advances in seismo-electromagnetic measurements and modelling using active sources, EGS - AGU - EUG Joint Assembly, Nice, France, April 2003.
116. JEANNIN, M., GARAMBOIS, S., JONGMANS D. & C. GREGOIRE, 2003, Ground penetrating radar investigation of limestone cliff fracturing in the French Alps, 9th Eur. Meeting of EEGS, Prague, Czech Republic, August 31-September 4, 4p.
117. NGUYEN F., GARAMBOIS S., CHARDON D., JONGMANS D., BELLIER O. & D. HERMITTE, Slow active fault detection and imaging using multiple geophysical methods : the Trevarresse thrust (Provence, France), EGS - AGU - EUG Joint Assembly, Nice, France, April 2003.
118. NGUYEN F., GARAMBOIS S., CHARDON D., JONGMANS D., BELLIER O. & D. HERMITTE, Geophysical Investigation of a Slow Active Thrust Fault: the Trevarresse Fault, France, AGU Fall meeting.
119. REY, E., GARAMBOIS S., JONGMANS D. & P. GOTTELAND, 2003, Characterization of alluvial fan deposits using electrical methods, 9th Eur. Meeting of EEGS, Prague, Czech Republic, August 31-September 4, 4p.

2002

120. JEANNIN M., JONGMANS D., DUSSAUGE-PEISSER C. & S. GARAMBOIS, Etude des processus d'instabilité des versants rocheux par prospection géophysique, AGAP Géophysique qualité, Nantes, novembre 2002, 4 p.
121. GARAMBOIS S., SENECHAL P., PERROUD H. & M. KEDZIOREK, NATO Advance Study Institute, Hydrogeophysics, Characterization and monitoring of water content and water conductivity of near-surface formations from combined geophysical measurements, Trest Castle, Czech Republic, July 16-27, 2002.
122. JONGMANS D., MERIC O., VENGEON J.-M., GARAMBOIS S., JEANNIN M. & M. WATHELET, Reconnaissance Géophysique du grand mouvement de Séchilienne (Alpes françaises), AGAP Géophysique qualité, Nantes, novembre 2002, 4 p.
123. NGUYEN F., GARAMBOIS S., JONGMANS D., CHARDON D., BELLIER O., REVIL A. & D. L'HERMITTE, Reconnaissances géophysiques multiméthodes de la faille de la Trévaresse (Provence), Colloque Géophysique Inter-ACI, col de Portes (Isère), 13 et 14 juin.
124. NGUYEN F., GARAMBOIS S., JONGMANS D., CHARDON D., BELLIER O., REVIL A. & D. L'HERMITTE, Etude de failles actives par méthodes géophysiques combinées : exemple de la Trévaresse, AGAP Géophysique qualité, Nantes, novembre 2002, 4 p.

125. DIETRICH M., GARAMBOIS S., PRIDE S., JONGMANS D. & C. BORDES, Geophysical investigations in underground galleries: seismic and seismo-electric techniques, Clays in natural and engineered barriers for radioactive waste confinement, 9-12 December 2002, Reims, France.
126. LUTZ P., GARAMBOIS S. & H. PERROUD, The influence of antenna configurations on 2D GPR data. Information from polarization and amplitude measurements, Proceedings on the 9th International Conference on Ground Penetrating Radar (to appear), Santa Barbara, April 29-May 2, 2002.
127. NGUYEN F., GARAMBOIS S., CHARDON D., JONGMANS D., BELLIER O. & D. HERMITTE, Slow active fault detection and imaging using multiple geophysical methods, 8th EEGS-ES meeting, 8-12 September 2002, Aveiro, Portugal, 4 pages.

2001

128. GARAMBOIS S., SENECHAL P., PERROUD H., DAUDIGNON A., SENECHAL G., BOURG A., LANDAT E., «Characterization of near-surface water using combined geophysical methods», Proceedings of the 26th General Assembly of the European Geophysical Society, Nice, France, March 25-30, 2001.
129. SENECHAL G., GARAMBOIS S., ROUSSET D., SALOME A.-L., CHATELAIN J.-L., DIETRICH M., DUNAND F., GRASSO, J.-R., HELMSTETTER A., «A glacier study using combined geophysical methods», Proceedings of the 26th General Assembly of the European Geophysical Society, Nice, France, March 25-30, 2001.
130. SENECHAL G., GARAMBOIS S., SENECHAL P., PERROUD H., ROUSSET D. DAUDIGNON A., 2001, «Détection et caractérisation de fluides dans le sol à partir de méthodes géophysiques conjointes», Colloque INRS-Eau, Québec, Canada, 14-16 mars, 2001, revue des Sciences de l'eau, 6 p.
131. GARAMBOIS S., DIETRICH M., «Can seismo-electromagnetic wave conversions be used as an exploration tool? », Proceedings of the EAGE/SEG Research Workshop on Reservoir Rocks, Pau, France, April 30-May 4, 2001, 4p.
132. LUTZ P., PERROUD H. & S. GARAMBOIS, Influences of antenna configurations on 2-D GPR data. Information from polarization and amplitude versus offset measurements, Ground Penetrating Radar (GPR) in sediments : Applications and Interpretation, London, August 20-21, 2001.
133. DIETRICH M., GARAMBOIS S., «Phénomènes de conversions sismo-électromagnétiques dans les milieux poreux saturés en fluide», Actes des 5^{ème} journées d'études sur les milieux poreux, Marseille, France, 6 & 7 novembre, 2001, 2p.