

Erwan PATHIER - Liste complète des publications –

30 articles publiés dans des revues internationales. Plus d'une centaine de communications ou présentations dans des congrès internationaux ou workshop. H-Index: 19 (source Scopus, fev. 2023).

Articles publiés dans revues internationales à comité de lecture

Dans la liste des auteurs, une astérique * désigne un premier auteur qui était un.e étudiant.e encadré.e

- [A30] Yang, Y.-H., Li, X., Hu, J.-C., Song, J., Zhao, J., Yassaghi, A., **Pathier, E.**, Xu, Q., & Chen, Q. (2023). The 2022 Hormozgan Doublet Earthquake: Two Blind Thrusts-Related Folding in Zagros Fold-And-Thrust Belt, Southeast Iran. *Geophysical Research Letters*, 50(4), e2022GL101902. <https://doi.org/10.1029/2022GL101902>
- [A29] Espín Bedón, P. A., Audin, L., Doin, M.-P., Pinel, V., **Pathier, E.**, Mothes, P., Garcia, A., Samaniego, P., & Pacheco, D. (2022). Unrest at Cayambe Volcano revealed by SAR imagery and seismic activity after the Pedernales subduction earthquake, Ecuador (2016). *Journal of Volcanology and Geothermal Research*, 107577. <https://doi.org/10.1016/j.jvolgeores.2022.107577>
- [A28] Maubant*, L., Radiguet, M., **Pathier, E.**, Doin, M.-P., Cotte, N., Kazachkina, E., & Kostoglodov, V. (2022). Interseismic coupling along the Mexican subduction zone seen by InSAR and GNSS. *Earth and Planetary Science Letters*, 586, 117534. <https://doi.org/10.1016/j.epsl.2022.117534>
- [A27] Thollard, F., Clesse, D., Doin, M.-P., Donadieu, J., Durand, P., Grandin, R., Lasserre, C., Laurent, C., Deschamps-Ostanciaux, E., **Pathier, E.**, Pointal, E., Proy, C., & Specht, B. (2021). FLATSIM: The ForM@Ter LArge-Scale Multi-Temporal Sentinel-1 InterferoMetry Service. *Remote Sensing*, 13(18), 3734. <https://doi.org/10.3390/rs13183734>
- [A26] Peng, W.* , Marsan, D., Chen, K. H., & **Pathier, E.** (2021). Earthquake swarms in Taiwan: A composite declustering method for detection and their spatial characteristics. *Earth and Planetary Science Letters*, 574, 117160. <https://doi.org/10.1016/j.epsl.2021.117160>
- [A25] Mousavi, Z., Fattahi, M., Khatib, M., Talebian, M., **Pathier, E.**, Walpersdorf, A., Sloan, R. A., Thomas, A. L., Rhodes, E., Clive, F., Dodds, N., & Walker, R. T. (2021). Constant Slip Rate on the Doruneh Strike-Slip Fault, Iran, Averaged Over Late Pleistocene, Holocene, and Decadal Timescales. *Tectonics*, 40(6), e2020TC006256. <https://doi.org/10.1029/2020TC006256>
- [A24] Maubant*, L., **Pathier, E.**, Daout, S., Radiguet, M., Doin, M. -P., Kazachkina, E., Kostoglodov, V., Cotte, N., & Walpersdorf, A. (2020). Independent Component Analysis and Parametric Approach for Source Separation in InSAR Time Series at Regional Scale: Application to the 2017–2018 Slow Slip Event in Guerrero (Mexico). *Journal of Geophysical Research: Solid Earth*, 125(3). <https://doi.org/10.1029/2019JB018187>
- [A23] Socquet, A., Hollingsworth, J., **Pathier, E.**, & Bouchon, M. (2019). Evidence of supershear during the 2018 magnitude 7.5 Palu earthquake from space geodesy. *Nature Geoscience*, 12(3), 192–199. <https://doi.org/10.1038/s41561-018-0296-0>
- [A22] Lacroix, P., Bièvre, G., **Pathier, E.**, Kniess, U., & Jongmans, D. (2018). Use of Sentinel-2 images for the detection of precursory motions before landslide failures. *Remote Sensing of Environment*, 215, 507–516. <https://doi.org/10.1016/j.rse.2018.03.042>
- [A21] Pousse-Beltran*, L., Vassallo, R., Audemard, F., Jouanne, F., Carcaillet, J., **Pathier, E.**, & Volat, M. (2017). Pleistocene slip rates on the Boconó fault along the North Andean Block plate boundary, Venezuela. *Tectonics*, 36(7), 1207–1231. <https://doi.org/10.1002/2016TC004305>
- [A20] Béon, M. L., Huang, M.-H., Suppe, J., Huang, S.-T., **Pathier, E.**, Huang, W.-J., Chen, C.-L., Fruneau, B., Baize, S., Ching, K.-E., & Hu, J.-C. (2017). Shallow geological structures triggered during the

Mw 6.4 Meinong earthquake, southwestern Taiwan. *Terrestrial, Atmospheric and Oceanic Sciences*, 28(5), 663–681. <https://doi.org/10.3319/TAO.2017.03.20.02>

- [A19] Deffontaines, B., Chang, K.-J., Champenois, J., Fruneau, B., **Pathier, E.**, Hu, J.-C., Lu, S.-T., & Liu, Y.-C. (2017). Active interseismic shallow deformation of the Pingting terraces (Longitudinal Valley – Eastern Taiwan) from UAV high-resolution topographic data combined with InSAR time series. *Geomatics, Natural Hazards and Risk*, 8(1), 120–136. <https://doi.org/10.1080/19475705.2016.1181678>
- [A18] Pousse Beltran*, L., **Pathier, E.**, Jouanne, F., Vassallo, R., Reinoza, C., Audemard, F., Doin, M. P., & Volat, M. (2016). Spatial and temporal variations in creep rate along the El Pilar fault at the Caribbean-South American plate boundary (Venezuela), from InSAR. *Journal of Geophysical Research: Solid Earth*, 121(11), 8276–8296. <https://doi.org/10.1002/2016JB013121>
- [A17] Bièvre, G., Jongmans, D., Goutaland, D., **Pathier, E.**, & Zumbo, V. (2016). Geophysical characterization of the lithological control on the kinematic pattern in a large clayey landslide (Avignonet, French Alps). *Landslides*, 13(3), 423–436. <https://doi.org/10.1007/s10346-015-0579-0>
- [A16] Mousavi*, Z., **Pathier, E.**, Walker, R. T., Walpersdorf, A., Tavakoli, F., Nankali, H., Sedighi, M., & Doin, M.-P. (2015). Interseismic deformation of the Shahrud fault system (NE Iran) from spaceborne radar interferometry measurements. *Geophysical Research Letters*, 42(14), 5753–5761. <https://doi.org/10.1002/2015GL064440>
- [A15] Riedel, I., Guéguen, P., Dalla Mura, M., **Pathier, E.**, Leduc, T., & Chanussot, J. (2015). Seismic vulnerability assessment of urban environments in moderate-to-low seismic hazard regions using association rule learning and support vector machine methods. *Natural Hazards*, 76(2), 1111–1141. <https://doi.org/10.1007/s11069-014-1538-0>
- [A14] Mousavi*, Z., Walpersdorf, A., Walker, R. T., Tavakoli, F., **Pathier, E.**, Nankali, H., Nilfouroushan, F., & Djamour, Y. (2013). Global Positioning System constraints on the active tectonics of NE Iran and the South Caspian region. *Earth and Planetary Science Letters*, 377–378, 287–298. <https://doi.org/10.1016/j.epsl.2013.07.007>
- [A13] Cavalié*, O., **Pathier, E.**, Radiguet, M., Vergnolle, M., Cotte, N., Walpersdorf, A., Kostoglodov, V., & Cotton, F. (2013). Slow slip event in the Mexican subduction zone: Evidence of shallower slip in the Guerrero seismic gap for the 2006 event revealed by the joint inversion of InSAR and GPS data. *Earth and Planetary Science Letters*, 367, 52–60. <https://doi.org/10.1016/j.epsl.2013.02.020>
- [A12] Yan*, Y., Pinel, V., Trouvé, E., **Pathier, E.**, Perrin, J., Bascou, P., & Jouanne, F. (2013). Coseismic displacement field and slip distribution of the 2005 Kashmir earthquake from SAR amplitude image correlation and differential interferometry. *Geophysical Journal International*, 193(1), 29–46. <https://doi.org/10.1093/gji/ggs102>
- [A11] Champenois*, J., Fruneau, B., **Pathier, E.**, Deffontaines, B., Lin, K.-C., & Hu, J.-C. (2012). Monitoring of active tectonic deformations in the Longitudinal Valley (Eastern Taiwan) using Persistent Scatterer InSAR method with ALOS PALSAR data. *Earth and Planetary Science Letters*, 337–338, 144–155. <https://doi.org/10.1016/j.epsl.2012.05.025>
- [A10] Yan*, Yajing, Trouvé, E., Pinel, V., Mauris, G., **Pathier, E.**, & Galichet, S. (2012). Fusion of D-InSAR and sub-pixel image correlation measurements for coseismic displacement field estimation: Application to the Kashmir earthquake (2005). *International Journal of Image and Data Fusion*, 3(1), 71–92. <https://doi.org/10.1080/19479832.2011.577563>
- [A09] Bièvre, G., Kniess, U., Jongmans, D., **Pathier, E.**, Schwartz, S., van Westen, C. J., Villemin, T., & Zumbo, V. (2011). Paleotopographic control of landslides in lacustrine deposits (Trièves plateau,

French western Alps). *Geomorphology*, 125(1), 214–224.
<https://doi.org/10.1016/j.geomorph.2010.09.018>

- [A08] de Michele, M., Raucoules, D., Lasserre, C., **Pathier, E.**, Klinger, Y., Van Der Woerd, J., de Sigoyer, J., & Xu, X. (2010). The Mw 7.9, 12 May 2008 Sichuan earthquake rupture measured by sub-pixel correlation of ALOS PALSAR amplitude images. *Earth, Planets and Space*, 62(11), 875–879.
<https://doi.org/10.5047/eps.2009.05.002>
- [A07] Huang, M.-H., Hu, J.-C., Ching, K.-E., Rau, R.-J., Hsieh, C.-S., **Pathier, E.**, Fruneau, B., & Deffontaines, B. (2008). Active deformation of Tainan tableland of southwestern Taiwan based on geodetic measurements and SAR interferometry. *Tectonophysics*, 466(3–4), 322–334.
<https://doi.org/10.1016/j.tecto.2007.11.020>
- [A06] **Pathier, E.**, Fielding, E. J., Wright, T. J., Walker, R., Parsons, B. E., & Hensley, S. (2006). Displacement field and slip distribution of the 2005 Kashmir earthquake from SAR imagery. *Geophysical Research Letters*, 33(20). <https://doi.org/10.1029/2006GL027193>
- [A05] Huang, M.-H., Hu, J.-C., Hsieh, C.-S., Ching, K.-E., Rau, R.-J., **Pathier, E.**, Fruneau, B., & Deffontaines, B. (2006). A growing structure near the deformation front in SW Taiwan as deduced from SAR interferometry and geodetic observation. *Geophysical Research Letters*, 33(12), L12305. <https://doi.org/10.1029/2005GL025613>
- [A04] Chang, C. P., Wang, C. T., Chang, T. Y., Chen, K. S., Liang, L. S., **Pathier, E.**, & Angelier, J. (2004). Application of SAR interferometry to a large thrust deformation: the 1999 Mw= 7.6 Chichi earthquake in central Taiwan. *Geophysical Journal International*, 159(1), 9–16.
<https://doi.org/10.1111/j.1365-246X.2004.02385.x>
- [A03] **Pathier, E.**, Fruneau, B., Deffontaines, B., Angelier, J., Chang, C.-P., Yu, S.-B., & Lee, C.-T. (2003). Coseismic displacements of the footwall of the Chelungpu fault caused by the 1999, Taiwan, Chi-Chi earthquake from InSAR and GPS data. *Earth and Planetary Science Letters*, 212(1), 73–88. [https://doi.org/10.1016/S0012-821X\(03\)00244-9](https://doi.org/10.1016/S0012-821X(03)00244-9)
- [A02] Fruneau, B., **Pathier, E.**, Raymond, D., Deffontaines, B., Lee, C. T., Wang, H. T., Angelier, J., Rudant, J. P., & Chang, C. P. (2001). Uplift of Tainan Tableland (SW Taiwan) revealed by SAR Interferometry. *Geophysical Research Letters*, 28(16), 3071–3074.
<https://doi.org/10.1029/2000GL012437>
- [A01] Deffontaines, B., Liu, C.-S., Angelier, J., Lee, C.-T., Sibuet, J.-C., Tsai, Y.-B., Lallemand, S., Lu, C.-Y., Lee, C.-S., Hsu, S.-K., Chu, H.-T., Lee, J.-C., **Pathier, E.**, Chen, R.-F., Cheng, C.-T., Cheng, C.-W., & L, C.-W. (2001). Preliminary Neotectonic Map of Onshore-offshore Taiwan. *Terrestrial, Atmospheric and Oceanic Sciences*, 12(2–1), 339.
[https://doi.org/10.3319/TAO.2001.12.S.339\(T\)](https://doi.org/10.3319/TAO.2001.12.S.339(T))

Proceedings publiés et communications dans conférences, congrès ou colloques internationaux

Conference Proceedings

- [P06] Montagnon*, T., Hollingsworth, J., Pathier, E., Marchandon, M., Dalla Mura, M., & Giffard-Roisin, S. (2022). Sub-pixel Optical Satellite Image Registration for Ground Deformation Using Deep Learning. In 2022 IEEE International Conference on Image Processing (ICIP) (pp. 2716–2720) Bordeaux, France. <https://doi.org/10.1109/ICIP46576.2022.9897214>
- [P05] Matsuka*, P., Chanussot, J., Pathier, E., & Gueguen, P. (2012). A support vector regression approach for building seismic vulnerability assessment and evaluation from remote sensing and

in-situ data. In IGARS 2012 IEEE International Geoscience and Remote Sensing Symposium (pp. 7533–7536). Munich, Germany. <https://doi.org/10.1109/IGARSS.2012.6351888>

- [P04] Doin, M.-P., Lodge, F., Guillaso, S., Jolivet, R., Lasserre, C., Ducret, G., Grandin, R., Pathier, E., & Pinel, V. (2011). Presentation of the small baseline NSBAS processing chain on a case example: The Etna deformation monitoring from 2003 to 2010 using Envisat data. In Proc. of the Fringe 2011 Workshop “Advances in the Science and Applications of SAR Interferometry” (Vol. ESA SP-697). Frascati, Italy: ESA. Retrieved from https://earth.esa.int/documents/10174/1573056/Presentation_small_baseline_NSBAS_Etna_deformation_Envisat.pdf
- [P03] Yan*, Y., Trouvé, E., Bissierier, A., Mauris, G., Galichet, S., Pinel, V., & Pathier, E. (2010). Assimilation of D-InSAR and sub-pixel image correlation displacement measurements for coseismic fault parameter estimation. In IGARS 2010 IEEE International Geoscience and Remote Sensing Symposium (pp. 3664–3667). Honolulu, HI, USA. <https://doi.org/10.1109/IGARSS.2010.5654408>
- [P02] Jongmans, D., Renalier, F., Kniess, U., Schwartz, S., Pathier, E., Orengo, Y., Bièvre, G., Villemin, T., & Delacourt, C. (2008). Characterization of the Avignonet landslide (French Alps) with seismic techniques. In Z. Chen, J. Zhang, Z. Li, F. Wu, & K. Ho (Eds.), *Landslides and Engineered Slopes. From the Past to the Future* (pp. 395–401). Xian, China: CRC Press. <https://doi.org/10.1201/9780203885284-c39>
- [P01] Pathier, E., Angelier, J., Fruneau, B., & Deffontaines, B. (2003). Contributions of InSAR to study active tectonics of Taiwan. In IGARSS 2003. 2003 IEEE International Geoscience and Remote Sensing Symposium. Proceedings (IEEE Cat. No.03CH37477) (Vol. 1, pp. 221–223). Toulouse, France: IEEE. <https://doi.org/10.1109/IGARSS.2003.1293730>

Communication dans Conférences / congrès

- [C96] Pathier, E. (2023, January). Challenges involved in the interpretation of geodetic measurements for tectonics and for seismic hazard estimates. Presented at the Fault2SHA 6th Workshop, Chieti, Italy. Retrieved from <https://fault2sha.net/2023/01/11/6th-fault2sha-workshop/>
- [C95] Pathier, E., Boniface, C., Deschamps-Ostanciaux, E., Doin, M., Durand, P., Fresne, M., Grandin, R., Lasserre, C., Larif, M.-F., Lovery, B., Meylheuc, B., Pinel, V., Pointal, E., & Thollard, F. (2022, November). GDM-SAR: a ForM@Ter on demand service for Sentinel-1 InSAR processing using NSBAS. Presented at the G2 2022, Grenoble, France. Retrieved from <https://g2-grenoble.sciencesconf.org/>
- [C94] Daout, S., Pathier, E., Socquet, A., D’Agostino, N., Doin, M.-P., Lavé, J., Riesner, M., & Benedetti, L. (2022, October). Along-strike variation of the strain partitioning within the Apennines as seen from large-scale multi-temporal InSAR analysis. Presented at MDIS-2022, Bonascre, France. Retrieved from <https://mdis-2022.sciencesconf.org/>
- [C93] Marchandon, M., Hollingsworth, J., Maubant, L., Socquet, A., Gabriel, A.-A., Pathier, E., Radiguet, M., & Ulrich, T. (2022, October). Distribution and accommodation of the deformation within active fault zones: insight from satellite geodesy, realistic fault slip modeling and dynamic rupture simulations applied to the 2016 Mw 6.5 Norcia earthquake. Presented at the MDIS-2022, Bonascre, France. Retrieved from <https://mdis-2022.sciencesconf.org/>
- [C92] Pathier, E., Maubant, L., Radiguet, M., Doin, M.-P., Kazachkina, E., Kostoglodov, V., & Cotte, N. (2022, May). Slow slip event characterization and consistent large-scale coupling map of the Mexican subduction zone from joint InSAR – GPS analysis. Presented at the ESA living planet Symposium 2022, Bonn, Germany. Retrieved from <https://lps22.eu/>

- [C91] Pathier, E., Manunta, M., Casu, F., Bonano, M., De Luca, C., Fusco, A., Manzo, M., Onorato, G., Zinno, I., Monterroso, F., Lanari, R., Dlament, M., Wright, T. J., Lazecky, M., Fernandez, J., Escayo, J., Bignami, C., & Atzori, S. (2022, May). The EPOS TCS Satellite Data Research Infrastructure: Technical Sustainability and Operational Services for Earth Observation. Presented at the ESA living planet Symposium, Bonn, Germany. Retrieved from <https://lps22.eu>
- [C90] Mouchéné, M., Pathier, E., Blanch, R., & Thollard, F. (2022, May). INSARVIZ: an open-source, interactive visualization tool for satellite SAR interferometry. Presented at the ESA living planet Symposium, Bonn, Germany. Retrieved from <https://lps22.eu>
- [C89] Peng, W., Radiguet, M., Pathier, E., & Chen, K. H.-H. (2022, May). Spatial distribution of creep on a creeping thrust fault: Joint inversion using geodetic data and repeating earthquakes. Presented at the EGU General Assembly 2022, Vienna, Austria. Retrieved from <https://doi.org/10.5194/egusphere-egu22-8195>
- [C88] Mousavi, Z., Walpersdorf, A., Pathier, E., & Walker, R. (2022, May). InSAR constraints on interseismic slip-rate of the Esfarayen fault, northeastern Iran. Presented at the EGU General Assembly 2022, Vienna, Austria. Retrieved from <https://doi.org/10.5194/egusphere-egu22-7630>
- [C87] Walpersdorf, A., Amiri, M., Pathier, E., Mousavi, Z., Khorrami, F., & Samsonov, S. V. (2022, May). Slip model of the 2013 April 16 Mw 7.7 Saravan intra-slab earthquake (Makran subduction zone) derived from InSAR, GPS, and Teleseismic P-wave modeling. Presented at the EGU General Assembly 2022, Vienna, Austria. Retrieved from <https://doi.org/10.5194/egusphere-egu22-7507>
- [C86] Peng, W., Radiguet, M., Pathier, E., & Chen, K. H. (2021, December). Slip inversion on the creeping thrust fault using geodetic data and repeating earthquakes. Presented at the AGU Fall Meeting 2021, New Orleans, LA, US. <https://ui.adsabs.harvard.edu/abs/2021AGUFM.S55E0199P>
- [C85] Maubant, L., Pathier, E., Radiguet, M., Daout, S., Doin, M.-P., & Cotte, N. (2021, June). The Seismic Cycle Along The Mexican Subduction: A Study Using Sentinel-1 InSAR Time Series. Oral presented at the ESA Fringe 2021, on-line event. <https://fringe2021.esa.int/>
- [C84] Walpersdorf, A., Khorrami, F., Mousavi, Z., Pathier, E., Tavakoli, F., Walker, R., Nankali, H. R., Doin, M.-P., Saadat, S. A., & Djamour, Y. (2021, March). Spatio-temporal slip rate variability of the Doruneh fault (eastern Iran) from dense GNSS and SENTINEL data and a tectonic study. EGU General Assembly 2021, EGU21-2524, on-line. <https://doi.org/10.5194/egusphere-egu21-2524>
- [C83] Maubant, L., Radiguet, M., Pathier, E., Doin, M.-P., Cotte, N., Kazachkina, E., & Kostoglodov, V. (2020). Short term interseismic coupling and lateral variation along the Mexican subduction from remote sensing. Presented at the AGU Fall Meeting 2020, on-line: AGU. Retrieved from <https://agu.confex.com/agu/fm20/meetingapp.cgi/Paper/679420>
- [C82] Hollingsworth, J., Maubant, L., Pathier, E., & Socquet, A. (2019, December). Shallow slip deficit and off-fault deformation in the 2016 Norcia earthquake derived from 3D optical image correlation. American Geophysical Union, Fall Meeting 2019, abstract #S21E-0551. <http://adsabs.harvard.edu/abs/2019AGUFM.S21E0551H>
- [C81] Maubant*, L., Pathier, E., Daout, S., Radiguet, M., Doin, M. P., Kazachkina, E., Kostoglodov, V., Cotte, N., & Walpersdorf, A. (2019, December). Independent Component Analysis and parametric approach for source separation in InSAR time-series at regional scale: application to 2017 - 2018 Slow Slip Event in Guerrero (Mexico). American Geophysical Union, AGU Fall Meeting 2019, abstract #T13D-0306. <http://adsabs.harvard.edu/abs/2019AGUFM.T13D0306M>
- [C80] Pathier, E., Fruneau, B., Fekaouni, M., Doin, M.-P., & Hu, J.-C. (2019, October). New evidences for active folding in the coastal plain of SW Taiwan from Sentinel-1 InSAR. Presented at the 8th France-Taiwan Symposium in Earth Sciences, Pau, France.

- [C79] Maubant*, L., Pathier, E., Daout, S., Radiguet, M., Doin, M.-P., Kazachkina, E., Kostoglodov, V., Cotte, N., & Walpersdorf, A. (2019). Separating transient tectonic signal from atmospheric signal in InSAR time-series, the case of the 2017-2018 Slow Slip Event in Guerrero (Mexico). Presented at the Reunion Anual Union Geofisica Mexicana, Puerto Vallarta, Mexico.
- [C78] Durand, P., Proy, C., Clesse, D., Donadieu, J., Doin, M.-P., Thollard, F., Pathier, E., Laurent, C., Lasserre, C., Grandin, R., & Deschamps-Ostanciaux, E. (2019). Large-scale spatial and temporal interferometry processing results and products. Status of PEPS processing services. Presented at the MDIS 2019, 5eme colloque MDIS-ForM@Ter (Mesure de la Déformation par Imagerie Spatiale), Strasbourg, France.
- [C77] Pathier, E., Fruneau, B., Fekaouni, M., Doin, M.-P., & Hu, J.-C. (2019, October). New evidences for active folding in SW Taiwan from Sentinel-1 InSAR. Presented at the MDIS 2019, 5eme colloque MDIS-ForM@Ter (Mesure de la Déformation par Imagerie Spatiale), Strasbourg, France.
- [C76] Maubant*, L., Pathier, E., Daout, S., Radiguet, M., Doin, M.-P., Kazachkina, E., Kostoglodov, V., Cotte, N., & Walpersdorf, A. (2019, October). Separating transient tectonic signal from atmospheric signal in InSAR time-series, the case of the 2017-2018 Slow slip event in Guerrero (Mexico). Presented at the MDIS 2019, 5eme colloque MDIS-ForM@Ter (Mesure de la Déformation par Imagerie Spatiale), Strasbourg.
- [C75] Espín Bedón*, Audin, L., Doin, M.-P., Pathier, E., Alvarado, A., Thollard, F., C.Laurent, Jm., Mothes, P., Segovia, M., Vaca, S., & Beauval, C. (2019, September). Deformation monitoring from Synthetic Aperture Radar Interferometry (INSAR) Sentinel data in Quito, Ecuador. Presented at the 8th International Symposium on Andean Geodynamics (ISAG), Quito, Ecuador.
- [C74] Deschamps-Ostanciaux, E., Thollard, F., Monasson, S., Pointal, E., Laurent, C., Doin, M.-P., Pathier, E., Pinel, V., Lasserre, C., Grandin, R., & Dlament, M. (2019, April). A new service for computing Sentinel-1 InSAR interferograms using NSBAS. Abstract Id.16898 presented at the 21st EGU General Assembly, EGU2019, Vienna, Austria.
- [C73] Thollard, F., Monasson, S., Pointal, E., Laurent, C., Deschamps-Ostanciaux, E., Doin, M.-P., Pathier, E., Pinel, V., Lasserre, C., Grandin, R., & Dlament, M. (2019, May). On demand service for Sentinel-1 InSAR processing using NSBAS. Presented at the ESA Living Planet Symposium, Milan, Italy.
- [C72] Maubant*, L., Pathier, E., Daout, S., Radiguet, M., Doin, M. P., Kazachkina, E., Kostoglodov, V., & Cotte, N. (2018, December). The 2017 Slow slip event in Guerrero (Mexico), seen by spatial geodesy. Abstract T43E-0437 presented at the AGU Fall Meeting 2018, Washington, USA.
- [C71] Pathier, E., Mousavi, Z., Walpersdorf, A., & Doin, M.-P. (2018, November). Potential of Sentinel-1 InSAR to study for active tectonics of Eastern Iran. Presented at the 2nd TRIGGER international Conference, University of Tehran, Iran.
- [C70] Pathier, E., Fruneau, B., Doin, M.-P., & Hu, J.-C. (2018, September). Comparison between present-day and Holocene deformation in SW Taiwan based on a full coverage of the Taiwan Island by InSAR. Presented at the 19th general assembly of Wegener on earth deformation and the study of earthquakes using geodesy and geodynamics, Grenoble, France.
- [C69] Maubant*, L., Pathier, E., Daout, S., Radiguet, M., Doin, M.-P., Kazachkina, E., Kostoglodov, V., & Cotte, N. (2018, September). The 2017 Slow Slip Event in Guerrero Area (Mexico), seen by spatial geodesy. Presented at the 19th general assembly of Wegener on earth deformation and the study of earthquakes using geodesy and geodynamics, Grenoble, France.
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